



May 19, 2022

District Supervisor  
Oil Conservation Division, District 1  
1625 North French Drive  
Hobbs, New Mexico 88240

**Re: Interim Closure Report  
ConocoPhillips  
Santa Fe #135 Wellhead Release  
Unit Letter L3, Section 31, Township 17 South, Range 35 East  
Lea County, New Mexico  
1RP-1030 / nPAC0625530179**

Dear Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips (COP) to evaluate, assess and remediate a historical release that occurred from the Santa Fe #135 (API No. 30-025-32438) wellhead. The release footprint is located in the Public Land Survey System (PLSS) Unit Letter L3, Section 31, Township 17 South, Range 35 East, Lea County, New Mexico (Site). The approximate release point coordinates are 32.789054°, -103.50287°. The Site location is shown on Figures 1 and 2.

## **BACKGROUND**

According to the State of New Mexico Oil Conservation Division (NMOCD) C-141 Initial Report (Appendix A), the release occurred on September 5, 2006. The release occurred due to misalignment of the pumping unit which caused a stuffing box packing failure. Approximately 5 barrels (bbls) of oil and 47 bbls of produced water were reported released. The release affected a total of approximately 25,200 square feet, including 10,800 square feet of rain-soaked caliche well pad, 10,800 square feet of rain-soaked black soil/caliche rock, and 3,600 sf of rain-soaked black soil/caliche rock pasture (with no cows present). During the initial response, 3 bbls of oil and 37 bbls of water were recovered. The NMOCD approved the initial C-141 on September 12, 2006 and assigned the Site the Remediation Permit (RP) number 1RP-1030 and Incident ID nPAC0625530179.

## **SITE CHARACTERIZATION**

A site characterization was performed and per 19.15.29.12 NMAC, no watercourses, sinkholes, residences, schools, hospitals, institutions, churches, private domestic water wells, springs, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the specified distances and the Site is in a low karst potential area. The Site is within a New Mexico oil and gas production area.

According to the New Mexico Office of the State Engineer (NMOSE) well database, there are 9 wells located within 800 meters (approximately ½ mile) of the release location. The average depth to groundwater documented is 110 feet below ground surface (bgs). Site characterization data is included in Appendix B.

## **REGULATORY FRAMEWORK**

Based upon the release footprint and in accordance with Subsection E of 19.15.29.12 NMAC, per 19.15.29.11 NMAC, the site characterization data was used to determine recommended remedial action

Tetra Tech

901 West Wall St., Suite 100, Midland, TX 79701

Tel 432.682.4559 Fax 432.682.3946 www.tetrattech.com

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levels (RRALs) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total petroleum hydrocarbons (TPH), and chloride in soil.

Based on the site characterization and in accordance with Table I of 19.15.29.12 NMAC, the remediation RRALs for the Site are as follows:

Constituent	Remediation RRAL
Chloride	20,000 mg/kg
TPH	2,500 mg/kg
BTEX	50 mg/kg

Additionally, in accordance with the NMOCD guidance *Procedures for Implementation of the Spill Rule (19.15.29 NMAC)* (September 6, 2019), the following reclamation RRALs for surface soils (0-4 ft bgs) outside of active oil and gas operations are as follows:

Constituent	Reclamation Requirements
Chloride	600 mg/kg
TPH	100 mg/kg
BTEX	50 mg/kg

## INITIAL RESPONSE AND SITE HISTORY

Per 19.15.29.8 B (4) NMAC, the responsible party may commence remediation immediately after discovery of a release. According to the C-141, free fluids were recovered with a vacuum truck and the top layer of contaminated soil was scraped from the release footprint during initial response.

Tetra Tech reviewed available historical aerial imagery to gauge the efficacy of the initial response activities, given the age of the release. A reclaimed former reserve pit area adjacent to the Santa Fe #135 lease pad was observed in the vicinity of the release footprint in aerial imagery prior to the release date.

Post-release aerial imagery from 2009 shows potential evidence of disturbed soils and/or possible remediation actions taken near the release Site footprint, to the east and southeast of the wellhead. A new lease pad (API No. 30-025-40467) appears in 2014 aerial imagery in the pasture area between the two original well pads, overtopping the disturbed soils that were noted in 2009 imagery. As of December 20, 2021, the adjacent well pad is operated by MorningStar Operating LLC, according to NMOCD Well Permitting. A detailed Site map showing the production development areas in the release vicinity (using 2009 imagery) is presented as Figure 3.

## SITE ASSESSMENT

Based on the dimensions provided in the C-141 and existing site topography, the release extent was identified as extending southeast off of the Santa Fe #135 lease pad into the pasture, in the area later covered by the newer well pad (API No. 30-025-40467). Tetra Tech was onsite on September 1, 2020, to conduct soil sampling to achieve vertical and horizontal delineation of the release extent.

A total of seven (7) soil borings (BH-1 through BH-7) were installed using an air rotary drilling rig to depths ranging from 8 to 25 ft bgs to evaluate the vertical and horizontal extents of the release area. Borings BH-1 and BH-6 were installed within the release extent footprint to achieve vertical delineation. Borings BH-2 through BH-5 and BH-7 were installed outside of the perimeter of the reported release area and vicinity.

A total of thirty-five (35) samples were submitted to Pace Analytical National Center for Testing & Innovation (Pace) in Nashville, Tennessee to be analyzed for chlorides via EPA Method 300.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. The approximate release extent and soil boring locations are shown on Figure 4.

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## SUMMARY OF SAMPLING RESULTS

The results of the sampling event in September 2020 are summarized in Table 1. The analytical results associated with the uppermost two samples (0-1 ft bgs and 2-3 ft bgs) from borings BH-1 and BH-6 exceeded the proposed reclamation (0-4 ft bgs) RRALs of 600 mg/kg for chloride and 100 mg/kg for TPH. These borings were located on production pad areas. All analytical results associated with the remaining Site boring locations were below the proposed RRALs for all constituents. Therefore, vertical and horizontal delineation was achieved during the September 2020 assessment efforts.

## DEFERRAL REQUEST

A deferral report was prepared by Tetra Tech on behalf of ConocoPhillips and submitted to the NMOCD on January 5, 2021, with fee application payment PO Number XT6KX-210105-C1410. The deferral describes the assessment and characterization of the impact site. The deferral was approved by Bradford Billings of the NMOCD on via email October 7, 2021. The approved report requested to defer remediation and reclamation activities at the Site until the end of life of the production well. Once abandonment, retrofit, or inactivity, remediation would be completed, in addition to reclamation.

According to the Form C-103 associated with OCD Action ID 39735, the plugging and abandonment (P&A) of the well was completed in July 2021. This Form C-103, along with the NMOCD email approval of the request for deferral, is included in Appendix C.

## REMEDIATION ACTIVITIES AND CONFIRMATION SAMPLING

In accordance with the NMOCD-approved Deferral Report, COP personnel began remediation and reclamation of the accessible release area following the successful P&A of the Santa Fe #135 well. In March and April 2022, ConocoPhillips personnel were onsite to excavate the accessible area associated with the Santa Fe #135 release extent. The footprint of the release extent associated with the adjacent API No. 30-025-40467 lease pad was not accessible to ConocoPhillips during the remedial activities.

Impacted soils located within the Santa Fe #135 lease pad extents were excavated to a depth of 4 feet below ground surface. During the excavation, in the vicinity of the southeast sidewall, evidence of a former reserve pit (liner) was encountered. Based on historical aerial imagery and a review of records, this area does appear to be previously reclaimed former reserve pit. Additional excavation to the south was avoided in order to not disturb the pit. Confirmation sidewall sampling was not conducted along the southern sidewall. The excavated material was transported offsite for proper disposal. Approximately 814 cubic yards of material were transported to the R360 facility in Hobbs, New Mexico. Copies of the waste manifests are included in Appendix D.

In April 2022, Tetra Tech personnel were onsite to conduct confirmation sampling of the remediated area. Once field screening results were reviewed, confirmation floor and sidewall samples were collected for laboratory analysis to verify that the impacted materials were properly removed. Confirmation sample laboratory analytical results were directly compared to the Site RRALs to confirm compliance. A total of thirteen (13) sidewall sample locations and twenty-one (21) floor sample locations were used. Confirmation sidewall sample locations were labeled with "SW-#" and confirmation floor sample locations were labeled with "FS-#". As per 19.15.29.12(C) NMAC, confirmation samples collected were representative of approximately 200 square feet of the surface area.

Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal Laboratories in Hobbs, New Mexico. All analytical results associated with the confirmation sampling event were below Site RRALs for BTEX, TPH and chloride. A "hot spot" for chloride was noted in the vicinity of FS-20. Although the analytical result for chloride associated with confirmation floor sample FS-20 was below the Site RRAL of 20,000 mg/kg, in an abundance of caution, the excavation in the vicinity of FS-20 was deepened to a depth of 5 feet bgs to remove the soils with elevated chloride concentrations. On April 19, 2022, Tetra Tech personnel collected an iterative confirmation sample at this location as FS-20 (5'). The final laboratory analysis results confirmed constituents were well below the established RRALs. Thus, after sampling and analysis, all

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laboratory analytical results associated with floor and sidewall confirmation samples were below the Site RRALs. The results of April confirmation sampling events are summarized in Table 2. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

Once confirmation sampling activities were completed and associated analytical results were below the RRALs, the excavated areas were backfilled with clean material to surface grade. The reclaimed pad areas contain soil backfill consisting of suitable material to establish vegetation at the site. The remaining lease road to the north was backfilled with caliche. Photographic documentation of the excavated area prior to and following backfill activities is included as Appendix F.

Backfilled areas were seeded in April 2022 to aid in revegetation. Based on the soils at the site, the New Mexico State Land Office (NMSLO) Loamy (L) Sites Seed Mixture were used for seeding and planted in the amount specified in the pounds pure live seed per acre.

Site inspections will be performed to assess the revegetation progress and evaluate the site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the NMSLO will be contacted to determine an effective method for eradication. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate.

**CONCLUSION**

ConocoPhillips respectfully requests acceptance of the interim closure of the accessible release extent based on the confirmation sampling results and remediation activities performed. The final C-141 forms are enclosed in Appendix A. The Santa Fe #135 Release (1RP-1030) is included in an Agreed Compliance Order-Releases (ACO-R) between ConocoPhillips and the NMOCD signed on May 7 and 9, 2019, respectively. If you have any questions concerning the remediation activities for the Site, please call me at (512) 217-7254 or Christian at (512) 338-2861.

Sincerely,  
**Tetra Tech, Inc.**



Ryan C. Dickerson  
Project Manager



Christian M, Llull, P.G.  
Program Manager

cc:  
Mr. Sam Widmer, RMR – ConocoPhillips  
Mr. Charles Beauvais, GPBU - ConocoPhillips

## LIST OF ATTACHMENTS

### Figures:

- Figure 1 – Overview Map
- Figure 2 – Site Location/Topographic Map
- Figure 3 – Approximate Release Extent (2009 Imagery)
- Figure 4 – Site Assessment and Sampling Locations
- Figure 5 – Remediation Extent and Confirmation Sample Locations

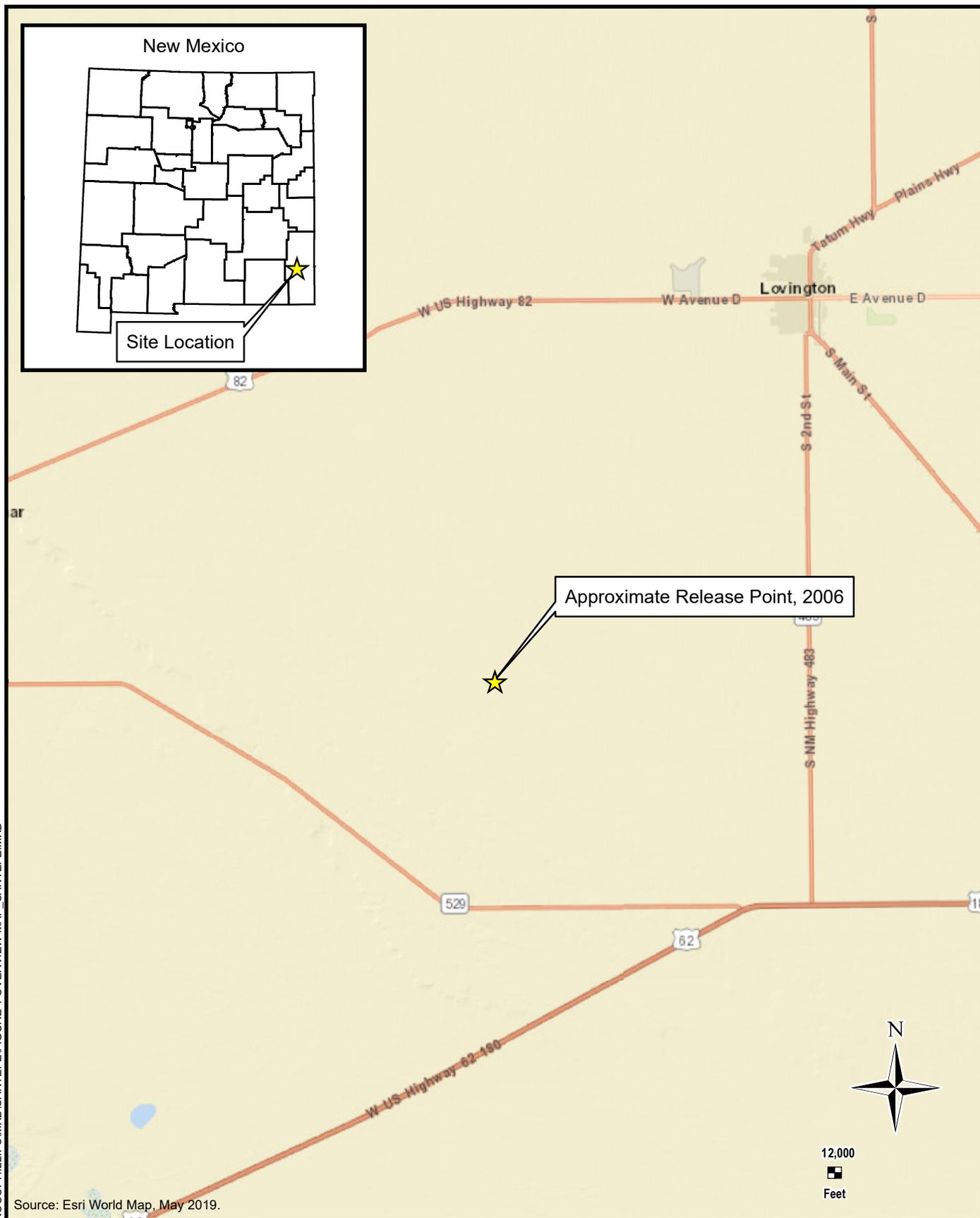
### Tables:

- Table 1 – Summary of Analytical Results – Soil Assessment
- Table 2 – Summary of Analytical Results – Soil Remediation

### Appendices:

- Appendix A – C-141 Form
- Appendix B – Site Characterization Data
- Appendix C – Regulatory Correspondence
- Appendix D – Waste Manifests
- Appendix E – Laboratory Analytical Data
- Appendix F – Photographic Documentation

# **FIGURES**

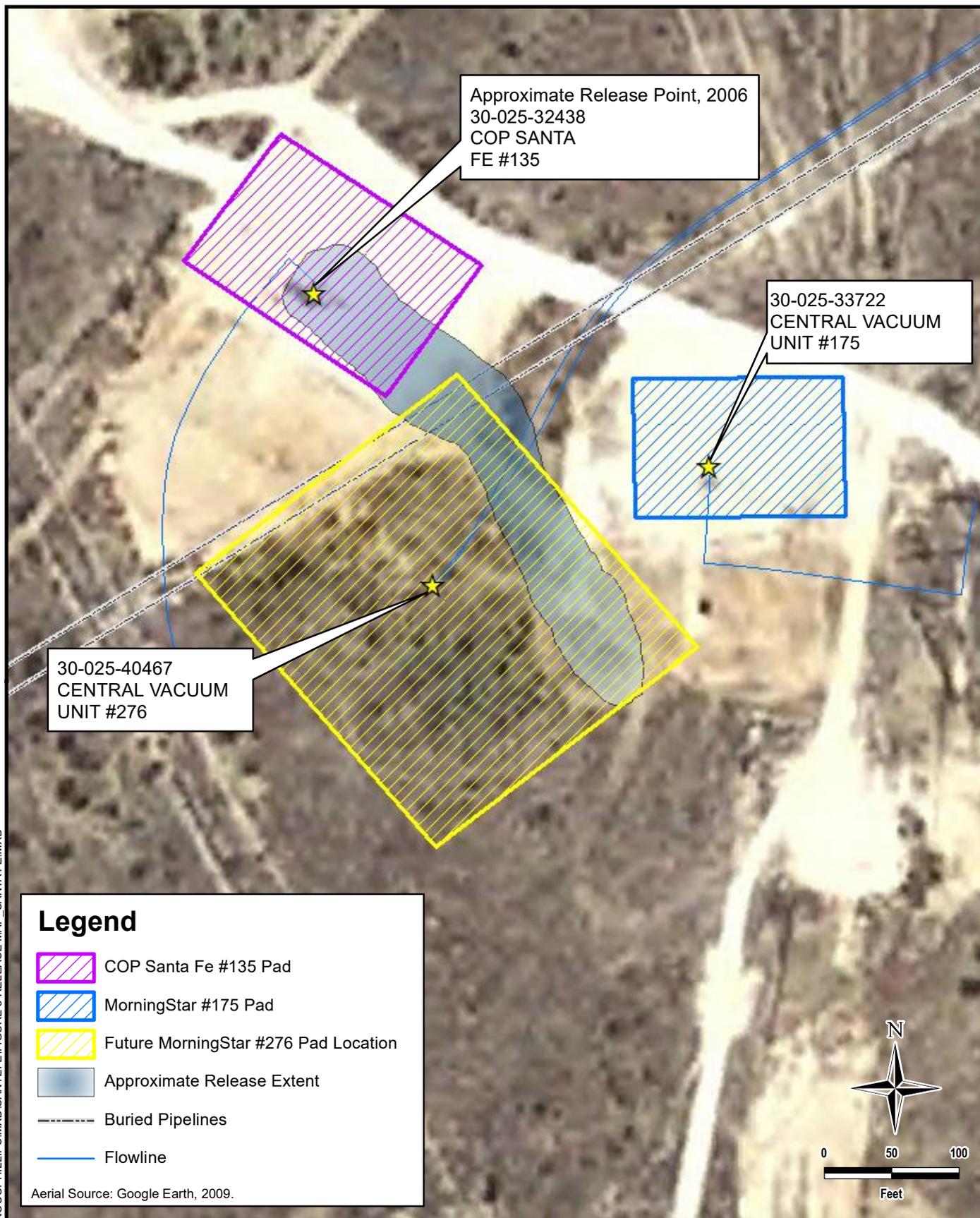


DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\SANTEFE\FIGURE 1 OVERVIEW MAP\_SANTEFE.MXD

Source: Esri World Map, May 2019.

 <b>TETRA TECH</b> www.tetratech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946	<b>CONOCOPHILLIPS</b> 1RP-1030 (32.789057°, -103.502777°) LEA COUNTY, NEW MEXICO	PROJECT NO.: 212C-MD-02194 DATE: AUGUST 14, 2020 DESIGNED BY: AAM
	<b>SANTA FE #135 WELLHEAD RELEASE OVERVIEW MAP</b>	Figure No. <b>1</b>





DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\SANTAFE\FIGURE 3 RELEASE MAP - SANTA FE.MXD

**Legend**

- COP Santa Fe #135 Pad
- MorningStar #175 Pad
- Future MorningStar #276 Pad Location
- Approximate Release Extent
- Buried Pipelines
- Flowline

Aerial Source: Google Earth, 2009.

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www.tetrattech.com

901 West Wall Street, Suite 100  
Midland, Texas 79701  
Phone: (432) 682-4559  
Fax: (432) 682-3946

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LEA COUNTY, NEW MEXICO

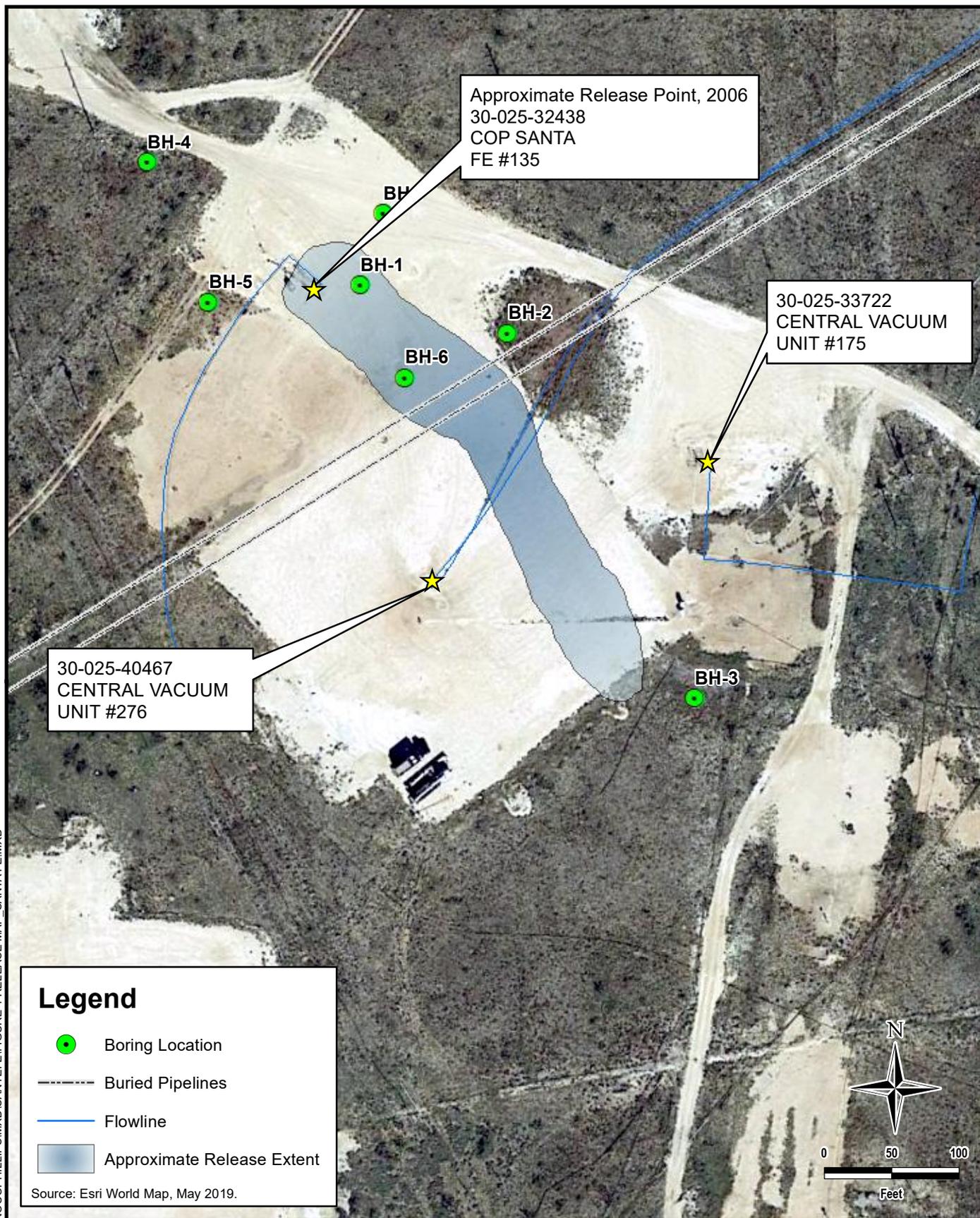
**SANTA FE #135 WELLHEAD RELEASE  
APPROXIMATE RELEASE EXTENT (2009 IMAGERY)**

PROJECT NO.: 212C-MD-02194

DATE: DECEMBER 17, 2020

DESIGNED BY: AAM

Figure No.  
**3**



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www.tetrattech.com  
901 West Wall Street, Suite 100  
Midland, Texas 79701  
Phone: (432) 682-4559  
Fax: (432) 682-3946

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LEA COUNTY, NEW MEXICO

**SANTA FE #135 WELLHEAD RELEASE  
SITE ASSESSMENT AND SAMPLING LOCATIONS**

PROJECT NO.: 212C-MD-02194

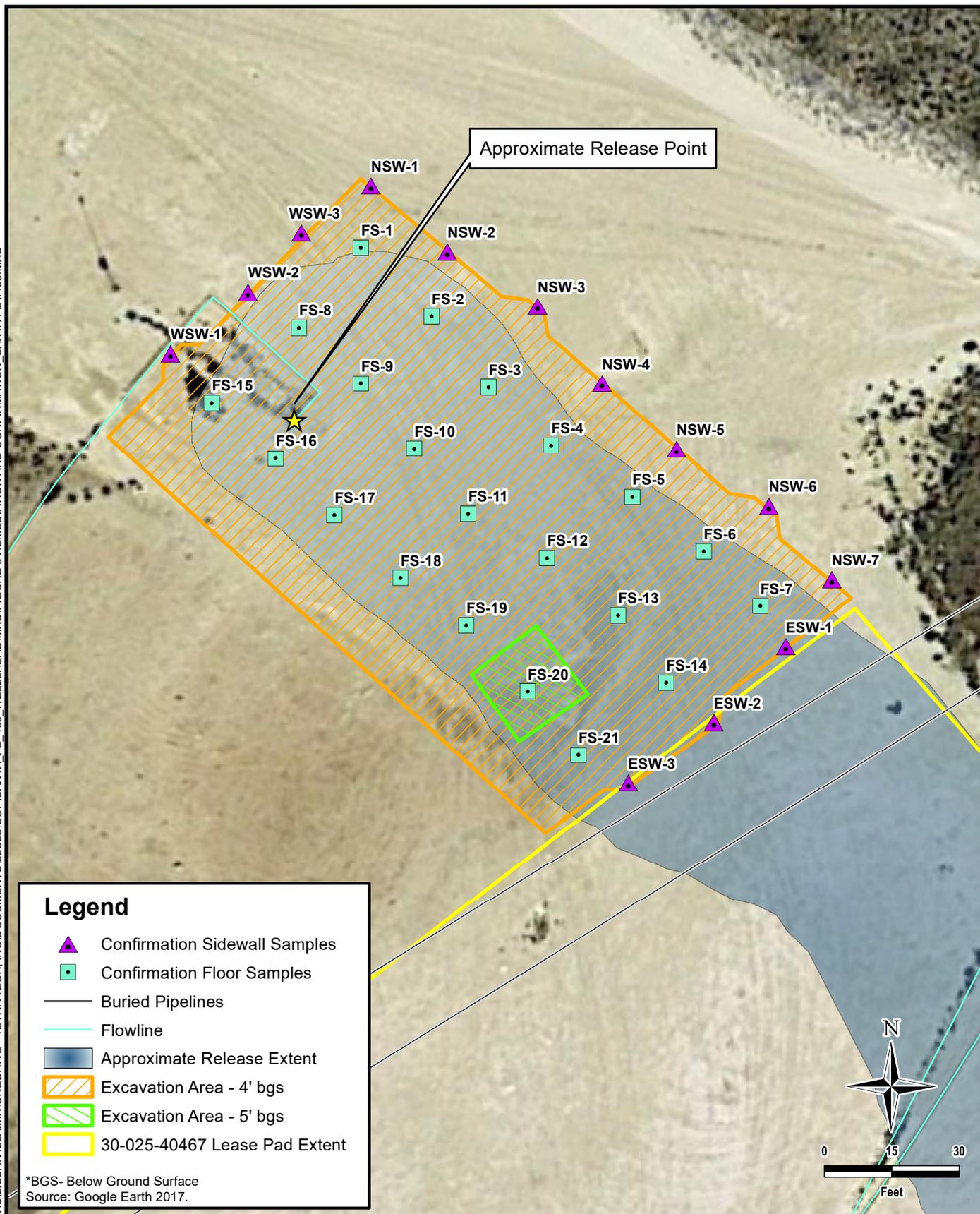
DATE: DECEMBER 17, 2020

DESIGNED BY: AAM

Figure No.

**4**

DOCUMENT PATH: C:\USERS\LISSA.VILLAMINIONEDRIVE - TETRA TECH, INC\DOCUMENTS\LUULLI\COP\SANTA\_FE\_135\_WELLHEAD\MXD\FIGURE 5 REMEDIATION AND CONFIRMATION\_SANTA\_FE\_#135.MXD



### Legend

- Confirmation Sidewall Samples
- Confirmation Floor Samples
- Buried Pipelines
- Flowline
- Approximate Release Extent
- Excavation Area - 4' bgs
- Excavation Area - 5' bgs
- 30-025-40467 Lease Pad Extent

\*BGS- Below Ground Surface  
Source: Google Earth 2017.



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www.tetratech.com

901 West Wall Street, Suite 100  
Midland, Texas 79701  
Phone: (432) 682-4559  
Fax: (432) 682-3946

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(32.789054°, -103.502870°)  
LEA COUNTY, NEW MEXICO

## SANTA FE #135 WELLHEAD RELEASE REMEDICATION EXTENT AND CONFIRMATION SAMPLE LOCATIONS

PROJECT NO.: 212C-MD-02194

DATE: APRIL 27, 2022

DESIGNED BY: LMV

Figure No.

**5**

# **TABLES**

TABLE 1  
SUMMARY OF ANALYTICAL RESULTS  
SOIL ASSESSMENT - 1RP-1030  
CONOCOPHILLIPS  
SANTA FE #135 STUFFING BOX RELEASE  
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth Interval	Field Screening Results		Chloride <sup>1</sup>		BTEX <sup>2</sup>					TPH <sup>3</sup>										
			Chloride	PID			Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO <sup>4</sup>		DRO		ORO	
			ppm		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q
BH-1	9/1/2020	0-1	2060	-	<b>1640</b>		< 0.00103	J4	< 0.00516		< 0.00258		0.00766		0.00766	0.0283	BJ	81.5		297		<b>379</b>
		2-3	974	-	<b>1020</b>		< 0.00113	J4	< 0.00556		< 0.00283		0.00170	J	0.00170	0.0258	BJ	6.84		28.3		35.2
		4-5	261	-	90.7		< 0.00109	J4	< 0.00546		< 0.00273		< 0.00709		-	< 0.105		< 4.18		0.862	BJ	0.862
		6-7	133	-	47.1		< 0.00108	J4	< 0.00539		< 0.00269		< 0.00700		-	0.0259	BJ	< 4.15		0.805	BJ	0.831
		9-10	85	-	21.5		< 0.00105	J4	< 0.00523		< 0.00261		< 0.00680		-	< 0.102		< 4.09		1.02	BJ	1.02
		14-15	102	-	29.2		< 0.00107	J4	< 0.00535		< 0.00267		< 0.00695		-	< 0.105		< 4.14		0.532	BJ	0.532
BH-2	9/1/2020	0-1	83	-	27.8		< 0.00103	J4	< 0.00513		< 0.00257		0.00149	J	0.00149	1.34	BJ	5.35		22.3		29.0
		2-3	75	-	30.7		< 0.00108	J4	< 0.00540		< 0.00270		< 0.00701		-	< 0.104		1.81	J	3.14	BJ	4.95
		4-5	230	-	34.8		< 0.00109	J4	< 0.00546		< 0.00273		< 0.00709		-	0.0664	J	2.82	J	2.34	BJ	5.23
		7-8	82	-	20.9	J	< 0.00115	J4	< 0.00574		< 0.00287		< 0.00746		-	< 0.107		< 4.30		0.532	BJ	0.532
BH-3	9/1/2020	0-1	-	-	20.9	J	< 0.00110	J4	< 0.00548		< 0.00274		0.00164	J	0.00164	< 0.105		5.51		18.3		23.8
		2-3	120	-	10.5	J	< 0.00103	J4	< 0.00516		< 0.00258		< 0.00671		-	0.0349	J	2.70	J	6.60		9.33
		4-5	39	-	10.5	J	< 0.00119	J4	< 0.00595		< 0.00297		< 0.00773		-	0.0380	J	< 4.38		0.301	BJ	0.339
		6-7	42	-	19.7	J	< 0.00107	J4	< 0.00536		< 0.00268		< 0.00697		-	0.0255	J	< 4.14		0.398	BJ	0.424
		9-10	-	-	552		< 0.00112	J4	< 0.00559		< 0.00280		< 0.00727		-	< 0.106		2.31	J	< 4.24		2.31
BH-4	9/1/2020	0-1	99	-	11.6	J	< 0.00106	J4	< 0.00530		< 0.00265		< 0.00689		-	< 0.103		3.83	J	23.3		27.1
		2-3	78	-	10.3	J	< 0.00108		< 0.00539		< 0.00269		< 0.00700		-	0.0789	J	2.11	J	8.40		10.6
		4-5	200	-	79.3		< 0.00112		< 0.00560		< 0.00280		< 0.00728		-	0.0271	J	< 4.24		< 4.24		0.0271
		7-8	220	-	976		< 0.00113		< 0.00564		< 0.00282		< 0.00734		-	0.0538	J	1.89	J	< 4.26		1.94
BH-5	9/1/2020	0-1	278	-	31.7		< 0.00102		< 0.00512		< 0.00256		< 0.00666		-	< 0.102		7.29		34.3		41.6
		2-3	103	-	85.2	J3	< 0.00104		< 0.00520		< 0.00260		0.00141	J	0.00141	0.0549	J	2.55	J	5.30		7.90
		4-5	62	-	48.9		< 0.00102		< 0.00509		< 0.00254		< 0.00661		-	0.0412	J	4.29		13.9		18.2
		7-8	85	-	14.3	J	< 0.00113		< 0.00563		< 0.00282		< 0.00732		-	0.0344	J	2.02	J	< 4.25		2.05
BH-6	9/1/2020	0-1	1450	-	<b>712</b>		< 0.00111		< 0.00555		< 0.00278		0.00142	J	0.00142	0.0421	J	1430		1330		<b>2760</b>
		2-3	284	-	219		< 0.00112		< 0.00558		< 0.00279		0.00106	J	0.00106	< 0.106		252		212		<b>464</b>
		4-5	649	-	652		< 0.00107		< 0.00537		< 0.00268		< 0.00698		-	< 0.104		4.19		4.21		8.40
		6-7	1350	-	1230		< 0.00112		< 0.00559		< 0.00279		< 0.00726		-	< 0.106		< 4.23		< 4.23		-
		9-10	101	-	306		< 0.00108		< 0.00539		< 0.00269		< 0.00700		-	< 0.104		< 4.15		< 4.15		-
		14-15	69	-	24.4		< 0.00107		< 0.00535		< 0.00267		< 0.00695		-	< 0.103		2.05	J	< 4.14		2.05
		19-20	120	-	79.6		< 0.00123		< 0.00616		< 0.00308		< 0.00801		-	< 0.112		3.28	J	2.21	BJ	5.49
		24-25	40	-	35.1		< 0.00124		< 0.00621		< 0.00310		< 0.00807		-	< 0.112		< 4.48		< 4.48		-
BH-7	9/1/2020	0-1	312	-	16.8	J	< 0.00103		< 0.00514		< 0.00257		< 0.00669		-	< 0.101		21.9		31.4		53.3
		2-3	-	-	302		< 0.00106		< 0.00531		< 0.00266		< 0.00690		-	< 0.103		6.89		6.19		13.1
		4-5	76	-	35.1		< 0.00148		< 0.00740		< 0.00370		< 0.00962		-	< 0.124		< 4.96		< 4.96		-
		7-8	86	-	289		< 0.00109		< 0.00546		< 0.00273		< 0.00709		-	< 0.105		< 4.18		3.02	BJ	3.02

NOTES:

ft. Feet  
bgs Below ground surface  
ppm Parts per million  
mg/kg Milligrams per kilogram  
TPH Total Petroleum Hydrocarbons  
GRO Gasoline range organics  
DRO Diesel range organics  
ORO Oil range organics

**Bold and italicized values indicate exceedance of proposed RRALS**

- 1 EPA Method 300.0
- 2 EPA Method 8260B
- 3 EPA Method 8015
- 4 EPA Method 8015D/GRO

QUALIFIERS:

- B The same analyte was found in the associated blank.  
J The identification of the analyte is acceptable; the reported value is an estimate.

TABLE 2  
SUMMARY OF ANALYTICAL RESULTS  
SOIL REMEDIATION - 1RP-1030  
CONOCOPHILLIPS  
SANTA FE #135 STUFFING BOX RELEASE  
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride <sup>1</sup>		BTEX <sup>2</sup>										TPH <sup>3</sup>						
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH
					mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
FS-1	4/4/2022	4	544		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-2	4/4/2022	4	416		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-3	4/4/2022	4	272		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-4	4/4/2022	4	352		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-5	4/14/2022	4	192		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-6	4/14/2022	4	240		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-7	4/14/2022	4	2,400		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-8	4/11/2022	4	592		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-9	4/11/2022	4	240		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-10	4/11/2022	4	288		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-11	4/11/2022	4	416		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-12	4/11/2022	4	256		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-13	4/11/2022	4	512		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-14	4/11/2022	4	480		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-15	4/11/2022	4	704		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-16	4/11/2022	4	1,810		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-17	4/11/2022	4	5,600		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-18	4/11/2022	4	6,400		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-19	4/11/2022	4	4,960		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-20	4/11/2022	4	10,200		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-20 (5)*	4/19/2022	5	3,200		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
FS-21	4/11/2022	4	624		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
NSW-1	4/14/2022	-	160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
NSW-2	4/4/2022	-	208		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
NSW-3	4/4/2022	-	256		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
NSW-4	4/4/2022	-	144		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
NSW-5	4/4/2022	-	336		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
NSW-6	4/4/2022	-	208		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
NSW-7	4/4/2022	-	528		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
ESW-1	4/4/2022	-	208		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
ESW-2	4/14/2022	-	256		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
ESW-3	4/14/2022	-	208		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-1	4/14/2022	-	176		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-2	4/4/2022	-	192		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-
WSW-3	4/14/2022	-	160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		-

NOTES:

- ft. Feet
- bgs Below ground surface
- mg/kg Milligrams per kilogram
- TPH Total Petroleum Hydrocarbons
- GRO Gasoline range organics
- DRO Diesel range organics
- 1 Method SM4500C-B
- 2 Method 8021B
- 3 Method 8015M

**Bold and italicized values indicate exceedance of proposed Remediation RRLs and Reclamation Requirements for soils above 4 ft. bgs.**

Gold highlight represents soil horizons that were removed during deepening of excavation floors.

Green highlight represents soil intervals that were removed during horizontal expansion of excavation sidewalls.

\* These iterative samples are located to encompass the original sample location that triggered removal, with further excavation in each area indicated in ( ).

# **APPENDIX A C-141 Forms**

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, 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  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

### Release Notification and Corrective Action

#### OPERATOR

Initial Report     Final Report

Name of Company <b>ConocoPhillips Company</b>	Contact <b>Kenneth N. Andersen</b>
Address <b>4001 Penbrook, Odessa, TX 79762-5917</b>	Telephone No. <b>505.391.3158</b>
Facility Name <b>Santa Fe # 135</b>	Facility Type <b>Oil and Gas</b>

Surface Owner <b>State of new Mexico</b>	Mineral Owner <b>State of New Mexico</b>	Lease No <b>NM-015221</b>
--	--	---------------------------

#### LOCATION OF RELEASE *API# 30025324380000*

Unit Letter <b>L</b>	Section <b>31</b>	Township <b>17S</b>	Range <b>35E</b>	Feet from the <b>1743</b>	North/South Line <b>S</b>	Feet from the <b>808</b>	East/West Line <b>W</b>	County <b>Lea Co.</b>
-------------------------	----------------------	------------------------	---------------------	------------------------------	------------------------------	-----------------------------	----------------------------	--------------------------

Latitude **32.789054N**    Longitude **-103.50287W**

#### NATURE OF RELEASE

Type of Release <b>Produced oil &amp; water</b>	Volume of Release 52 bbl (5 oil, 47 water)	Volume Recovered (3 oil, 37 water)
Source of Release <b>Wellhead stuffing box packing</b>	Date and Hour of Occurrence <b>09/05/2006 0230hrs</b>	Date and Hour of Discovery <b>09/05/2006 1030hrs</b>
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? <b>Pat Caperton NMOCD</b>	
By Whom? <b>Ken Andersen</b>	Date and Hour <b>09/06/2006 1715hrs</b>	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*  
**Stuffing box packing failure due to pumping unit misalignment. Realign pumping unit and repack stuffing box.**

Describe Area Affected and Cleanup Action Taken.\* *10800*    *3600*  
**180'X60' of rain soaked caliche wellhead pad, 180'X60' of rain soaked black soil/caliche rock, & 60'X60' of rain soaked black soil/caliche rock pasture with no cows present. Picked up the free standing fluid which consisted mostly of rain water and scraped off the top layer of contaminated soil. The spill site will be delineated and remediated in accordance with NMOCD guidelines.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: <i>Kenneth N. Andersen</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: <b>Kenneth N. Andersen</b>	Approved by District Supervisor: <i>[Signature]</i>	
Title: <b>HSER PSM Lead</b>	Approval Date: <b>9.12.06</b>	Expiration Date: <b>11.6.06</b>
E-mail Address: <b>ken.n.andersen@conocophillips.com</b>	Conditions of Approval: <b>SUBMIT DELINEATION SAMPLES &amp; PLAN OF ACTION</b>	Attached <input type="checkbox"/>
Date: <b>09/07/2006</b>	Phone: <b>505.391.3158</b>	

- Attach Additional Sheets If Necessary

*incident - nPAC0625530179*  
*nPAC0625530382*

*RP# 1030*

Incident ID	
District RP	1RP-1030
Facility ID	
Application ID	

## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release?	110 _____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist:** *Each of the following items must be included in the report.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan 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.

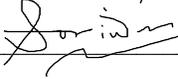
State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	
District RP	1RP-1030
Facility ID	
Application ID	

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: Marvin Soriwei Title: Program Manager, Risk Management & Remediation

Signature:  Date: 1/5/2021

email: marvin.soriwei@conocophillips.com Telephone: 8324862730

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	nPAC0625530179
District RP	1RP-1030
Facility ID	
Application ID	

## Remediation Plan

**Remediation Plan Checklist:** Each of the following items must be included in the plan.

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- 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: Marvin Soriwei Title: Program Manager, Risk Management & Remediation  
 Signature:  Date: 1/5/2021  
 email: marvin.soriwei@conocophillips.com Telephone: 8324862730

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

- Approved       Approved with Attached Conditions of Approval       Denied       Deferral Approved

Signature:  Date: 10/07/2021

Incident ID	nPAC0625530179
District RP	1RP-1030
Facility ID	
Application ID	

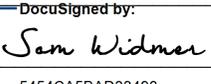
## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist: Each of the following items must be included in the closure report.**

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Sam Widmer Title: Principal Program Manager  
 Signature:  Date: May-19-2022  
 email: Sam.widmer@conocophillips.com Telephone: 281-206-5298

**OCD Only**

Received by: OCD Date: 5/19/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 2/27/2023  
 Printed Name: Ashley Maxwell Title: Environmental Specialist

## **APPENDIX B**

### **Site Characterization Data**



# 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)

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

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<a href="#">L 04247 POD5</a>	L	LE		3	1	3	31	17S	35E	640040	3628781	191	235	95	140
<a href="#">L 04247 POD7</a>	L	LE		1	3	3	31	17S	35E	640054	3628747	202		240	
<a href="#">L 04247 POD6</a>	R	L	LE	2	1	3	31	17S	35E	640299	3629074	208	232	117	115
<a href="#">L 04247 POD8</a>	L	LE		2	1	3	31	17S	35E	640299	3629077	212	270	60	210
<a href="#">L 05288</a>	L	LE		4	4	36	17S	34E	639760	3628552*	552	231	90	141	
<a href="#">L 05288</a>	R	L	LE	4	4	36	17S	34E	639760	3628552*	552	231	90	141	
<a href="#">L 07119</a>	L	LE		1	1	1	06	18S	35E	640068	3628255*	650	233	95	138
<a href="#">L 07119 S</a>	L	LE		1	2	1	06	18S	35E	640445	3628259*	681	233	95	138
<a href="#">L 02722 S5</a>	L	LE		2	2	2	01	18S	34E	639866	3628246*	726	232		

Average Depth to Water: **110 feet**  
 Minimum Depth: **60 feet**  
 Maximum Depth: **240 feet**

**Record Count:** 9

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 640195

**Northing (Y):** 3628893.305

**Radius:** 800

\*UTM location was derived from PLSS - see Help

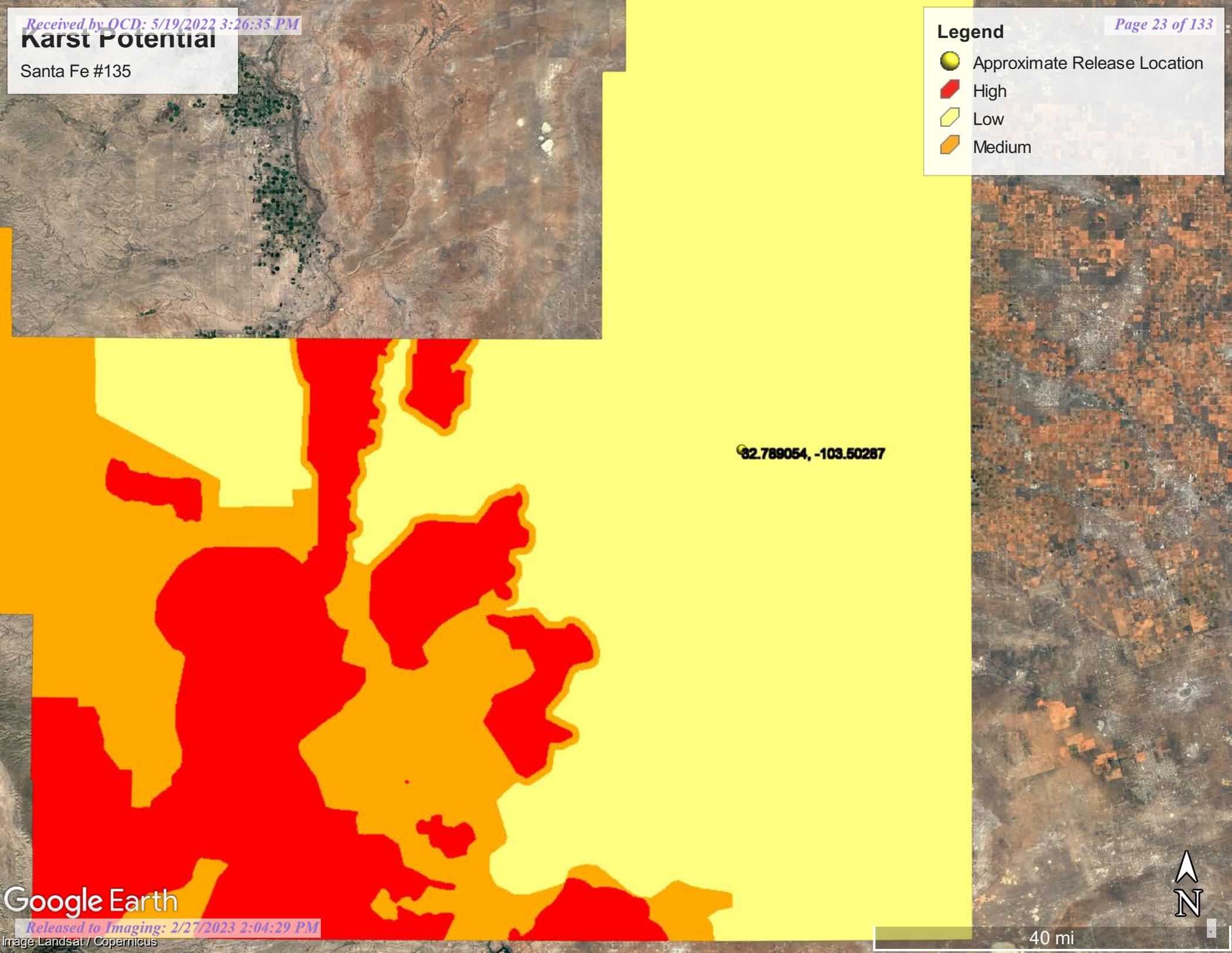
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

# Karst Potential

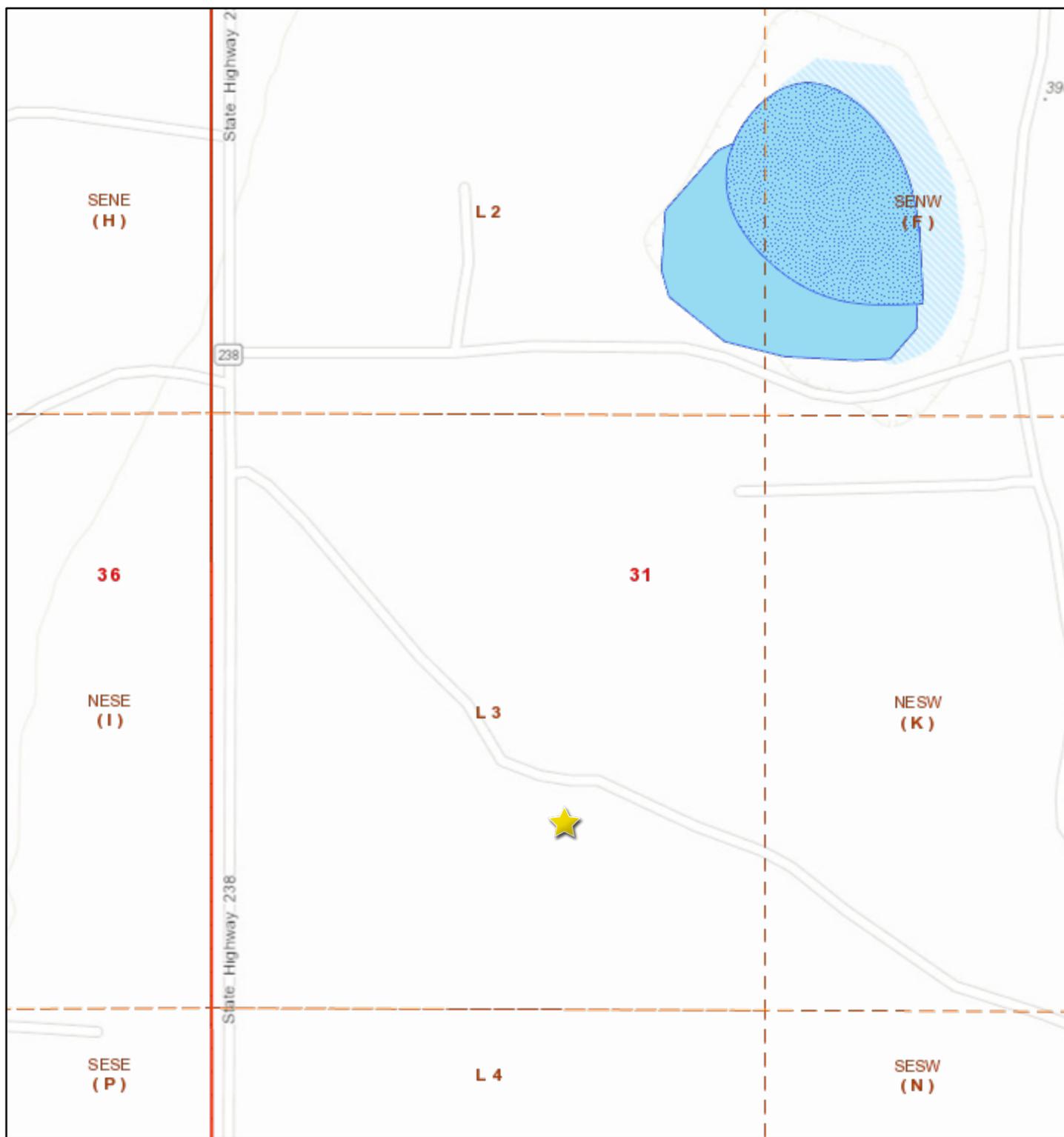
Santa Fe #135

## Legend

-  Approximate Release Location
-  High
-  Low
-  Medium



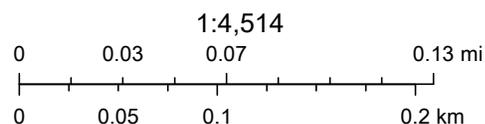
# Water Bodies



8/17/2020, 11:56:18 AM

-  Approx. Release Location
-  OCD District Offices
-  PLSS First Division

-  PLSS Second Division
-  PLJV Probable Playas
-  OSE Water-bodies
-  OSE Streams



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community, OCD, BLM

# **APPENDIX C**

## **Regulatory Correspondence**

## Dickerson, Ryan

---

**From:** OCDOnline@state.nm.us  
**Sent:** Thursday, October 7, 2021 11:07 AM  
**To:** Llull, Christian  
**Subject:** The Oil Conservation Division (OCD) has approved the application, Application ID: 13946

**⚠ CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. **⚠**

To whom it may concern (c/o Christian Llull for CONOCOPHILLIPS COMPANY),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action (C-141)*, for incident ID (n#) nPAC0625530179, with the following conditions:

- **DEFERAL approved as detailed in report.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,  
Bradford Billings  
Hydrologist/E.Spec.A  
505-670-6549  
bradford.billings@state.nm.us

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

Released to Imaging: 8/5/2021 2:17:45 PM

Received by OCD: 8/4/2021 11:05:37 AM

Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. <b>30-025-32438</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>NM-01521</b>
7. Lease Name or Unit Agreement Name <b>Santa Fe</b>
8. Well Number <b>135</b>
9. OGRID Number <b>217817</b>
10. Pool name or Wildcat <b>Vacuum; Blinbry</b>

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
**ConocoPhillips Company**

3. Address of Operator  
**P.O. Box 2197 Houston, TX 77252**

4. Well Location  
Unit Letter **L** : **1743** feet from the **South** line and **808** feet from the **West** line  
Section **31** Township **17-S** Range **35-E** NMPM County **Lea**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**3984' RKB**

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	<b>P AND A</b> <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	PNR <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

**RECEIVED**  
**AUG 02 2021**

**TX REGULATORY**

- 7/07/21—MIRU.
- 7/08/21—Tag existing CIBP @ 6490' circ well w/ MLF cap BP w/ 25 sxs TOC @ 6243', spot 25 sxs @ 5998' TOC @ 5751' spot 25 sxs @ 4436' WOC.
- 7/09/21—Tag TOC @ 4478' spot 40 sxs @ 3998' TOC @ 3602', spot 60 sxs @ 3155' WOC Tag TOC @ 2540' perf @ 1550' pressure up OCD ok'd to spot 25 sxs @ 1624' WOC.
- 7/12/21—Tag TOC @ 1315' perf @ 250' OCD ok'd to sqz 50 sxs WOC Tag TOC @ 190', perf @ 100' sqz 25 sxs WOC.
- 7/13/21—Tag TOC @ 58' spot 15 sxs from 58' to surface verified RDMO.

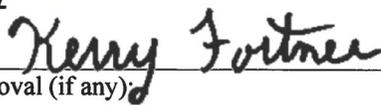
Spud Date:  Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Agent - Basic Energy Services DATE 7/27/21

Type or print name Chris Romero E-mail address: \_\_\_\_\_ PHONE: 432-563-3355

**For State Use Only**

APPROVED BY:  TITLE Compliance Officer A DATE 8/5/21

Conditions of Approval (if any): \_\_\_\_\_

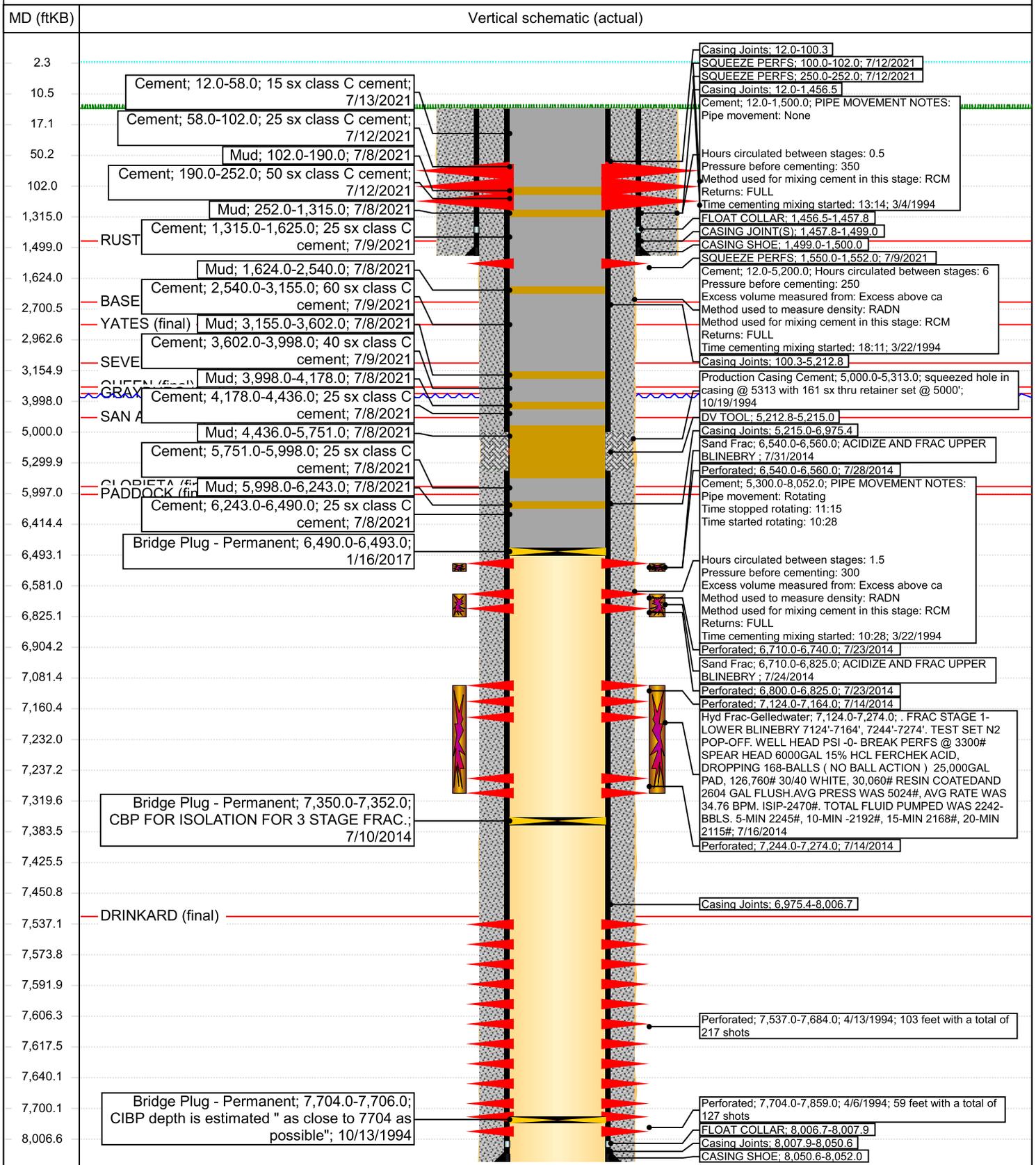
CURRENT SCHEMATIC



SANTA FE 135

District <b>PERMIAN CONVENTIONAL</b>	Field Name <b>VACUUM; BLINEBRY</b>	API / UWI <b>3002532438</b>	County <b>LEA</b>	State/Province <b>NEW MEXICO</b>	
Original Spud Date <b>3/2/1994</b>	Surface Legal Location <b>Section 31-T17S-R35E, UL L</b>		E/W Dist (ft) <b>808.00</b>	E/W Ref <b>W</b>	N/S Dist (ft) <b>1,743.00</b>
					N/S Ref <b>S</b>

VERTICAL, MAIN HOLE, 8/3/2021 5:32:38 PM



**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
 Action 39735

**CONDITIONS**

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 39735
	Action Type: [C-103] Sub. Plugging (C-103P)

**CONDITIONS**

Created By	Condition	Condition Date
kfortner	None	8/5/2021

## **APPENDIX D Waste Manifests**



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: N/A  
 Manif. Date: 4/7/2022  
 Hauler: MCNABB PARTNERS  
 Driver: JOE  
 Truck #: M34  
 Card #  
 Job Ref #

Ticket #: 700-1291712  
 Bid #: O6UJ9A000HH0  
 Date: 4/7/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

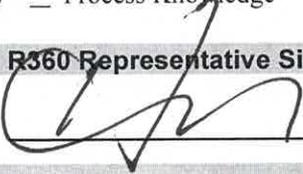
Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_

R360 Representative Signature 

Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/8/2022  
 Hauler: MCNABB PARTNERS  
 Driver: JOE  
 Truck #: M34  
 Card #  
 Job Ref #

Ticket #: 700-1292168  
 Bid #: O6UJ9A000HH0  
 Date: 4/8/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	18.00	yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

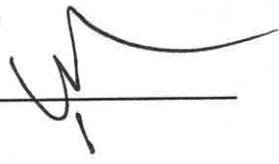
MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_ 



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/11/2022  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1293447  
 Bid #: O6UJ9A000HH0  
 Date: 4/11/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
_____	_____ 

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/11/2022  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1293390  
 Bid #: O6UJ9A000HH0  
 Date: 4/11/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
_____	_____ 

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/11/2022  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1293335  
 Bid #: O6UJ9A000HH0  
 Date: 4/11/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

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MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/11/2022  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1293287  
 Bid #: O6UJ9A000HH0  
 Date: 4/11/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

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- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

\_\_\_\_\_ 

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/11/2022  
 Hauler: MCNABB PARTNERS  
 Driver: ACIE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1293235  
 Bid #: O6UJ9A000HH0  
 Date: 4/11/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

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MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
-------------------------	-------------------------------

\_\_\_\_\_

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/11/2022  
 Hauler: MCNABB PARTNERS  
 Driver: ACE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1293309  
 Bid #: O6UJ9A000HH0  
 Date: 4/11/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

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  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

\_\_\_\_\_ 

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/11/2022  
 Hauler: MCNABB PARTNERS  
 Driver: ACE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1293375  
 Bid #: O6UJ9A000HH0  
 Date: 4/11/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

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- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval**

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Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/11/2022  
 Hauler: MCNABB PARTNERS  
 Driver: ACIE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1293427  
 Bid #: O6UJ9A000HH0  
 Date: 4/11/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval**

**THIS IS NOT AN INVOICE!**

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Date: \_\_\_\_\_ 



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/12/2022  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1293700  
 Bid #: O6UJ9A000HH0  
 Date: 4/12/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/12/2022  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1293666  
 Bid #: O6UJ9A000HH0  
 Date: 4/12/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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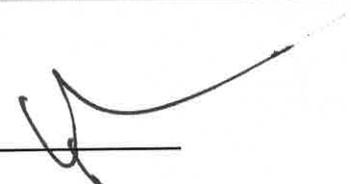
MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_ 



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/12/2022  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1293637  
 Bid #: O6UJ9A000HH0  
 Date: 4/12/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
<hr/>	 <hr/>

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/12/2022  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1293775  
 Bid #: O6UJ9A000HH0  
 Date: 4/12/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	18.00	yards

**Generator Certification Statement of Waste Status**

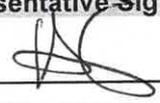
I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

\_\_\_\_\_

\_\_\_\_\_ 

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/12/2022  
 Hauler: MCNABB PARTNERS  
 Driver: ACIE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1293635  
 Bid #: O6UJ9A000HH0  
 Date: 4/12/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

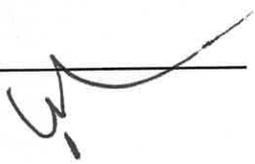
- RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_ 



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/12/2022  
 Hauler: MCNABB PARTNERS  
 Driver: ACIE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1293663  
 Bid #: O6UJ9A000HH0  
 Date: 4/12/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information  RCRA Hazardous Waste Analysis  Process Knowledge  Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/12/2022  
 Hauler: MCNABB PARTNERS  
 Driver: ACE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1293697  
 Bid #: O6UJ9A000HH0  
 Date: 4/12/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

MSDS Information  RCRA Hazardous Waste Analysis  Process Knowledge  Other (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
_____	_____ 

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/12/2022  
 Hauler: MCNABB PARTNERS  
 Driver: ACE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1293771  
 Bid #: O6UJ9A000HH0  
 Date: 4/12/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: N/A  
 Manif. Date: 4/13/2022  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1294095  
 Bid #: O6UJ9A000HH0  
 Date: 4/13/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

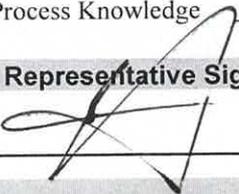
Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_

R360 Representative Signature 

Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/13/2022  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1293996  
 Bid #: O6UJ9A000HH0  
 Date: 4/13/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: N/A  
 Manif. Date: 4/13/2022  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1294050  
 Bid #: O6UJ9A000HH0  
 Date: 4/13/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
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Contaminated Soil (RCRA Exempt)	18.00 yards
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*3rd load*

**Generator Certification Statement of Waste Status**

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  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
-------------------------	-------------------------------

_____	_____
-------	-------

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/13/2022  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1294014  
 Bid #: O6UJ9A000HH0  
 Date: 4/13/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

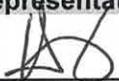
**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
_____	_____ 

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: N/A  
 Manif. Date: 4/13/2022  
 Hauler: MCNABB PARTNERS  
 Driver: ACIE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1293993  
 Bid #: O6UJ9A000HH0  
 Date: 4/13/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

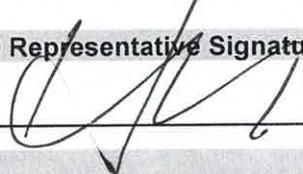
Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_

R360 Representative Signature  \_\_\_\_\_

Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: ANDREW RICHARDS  
AFE #:  
PO #:  
Manifest #: N/A  
Manif. Date: 4/13/2022  
Hauler: MCNABB PARTNERS  
Driver: ACIE  
Truck #: M83  
Card #  
Job Ref #

Ticket #: 700-1294013  
Bid #: O6UJ9A000HH0  
Date: 4/13/2022  
Generator: CONOCOPHILLIPS  
Generator #:  
Well Ser. #: 32438L  
Well Name: SANTA FE  
Well #: 135  
Field:  
Field #:  
Rig: NON-DRILLING  
County: LEA (NM)

Permian Basin

Facility: CRI

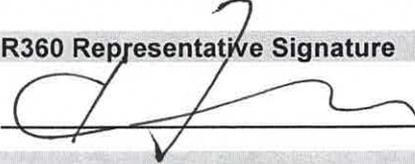
Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

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- MSDS Information
- RCRA Hazardous Waste Analysis
- Process Knowledge
- Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_

R360 Representative Signature 

Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: N/A  
 Manif. Date: 4/13/2022  
 Hauler: MCNABB PARTNERS  
 Driver: ACIE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1294044  
 Bid #: O6UJ9A000HH0  
 Date: 4/13/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

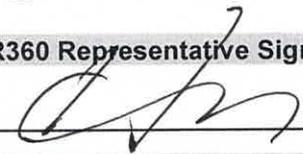
Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
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  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

\_\_\_\_\_ 

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/13/2022  
 Hauler: MCNABB PARTNERS  
 Driver: ACE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1294094  
 Bid #: O6UJ9A000HH0  
 Date: 4/13/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity	Units
Completion Fluids (NON-INJ)	18.00	bbl

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

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MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: N/A  
 Manif. Date: 4/14/2022  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1294446  
 Bid #: O6UJ9A000HH0  
 Date: 4/14/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_

R360 Representative Signature \_\_\_\_\_

Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: N/A  
 Manif. Date: 4/14/2022  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1294410  
 Bid #: O6UJ9A000HH0  
 Date: 4/14/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

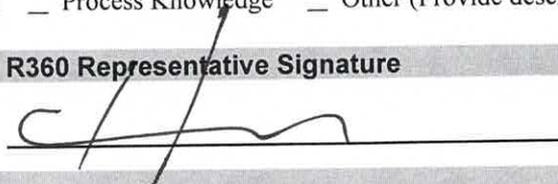
Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_ R360 Representative Signature \_\_\_\_\_



Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: N/A  
 Manif. Date: 4/14/2022  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1294372  
 Bid #: O6UJ9A000HH0  
 Date: 4/14/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

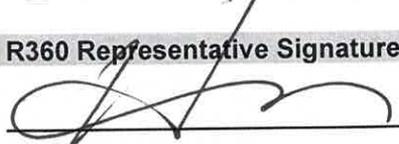
Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** 

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: 8005402  
 Manif. Date: 4/14/2022  
 Hauler: MCNABB PARTNERS  
 Driver: DANIEL  
 Truck #: M85  
 Card #  
 Job Ref #

Ticket #: 700-1294334  
 Bid #: O6UJ9A000HHO  
 Date: 4/14/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
_____	_____ 

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: N/A  
 Manif. Date: 4/14/2022  
 Hauler: MCNABB PARTNERS  
 Driver: ACIE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1294328  
 Bid #: O6UJ9A000HH0  
 Date: 4/14/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

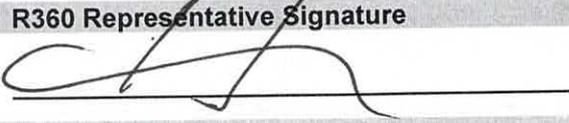
Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_

R360 Representative Signature 

Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: N/A  
 Manif. Date: 4/14/2022  
 Hauler: MCNABB PARTNERS  
 Driver: ACIE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1294357  
 Bid #: O6UJ9A000HH0  
 Date: 4/14/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW GARCIA  
 AFE #:  
 PO #:  
 Manifest #: N/A  
 Manif. Date: 4/14/2022  
 Hauler: MCNABB PARTNERS  
 Driver: ACIE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1294391  
 Bid #: O6UJ9A000HH0  
 Date: 4/14/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

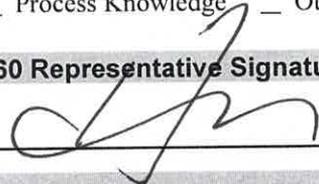
Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information  RCRA Hazardous Waste Analysis  Process Knowledge  Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_ R360 Representative Signature \_\_\_\_\_



Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/14/2022  
 Hauler: MCNABB PARTNERS  
 Driver: ACE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1294444  
 Bid #: O6UJ9A000HH0  
 Date: 4/14/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

**Product / Service**

**Quantity Units**

Contaminated Soil (RCRA Exempt)

18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature**

**R360 Representative Signature**

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: N/A  
 Manif. Date: 4/14/2022  
 Hauler: MCNABB PARTNERS  
 Driver: JESSE  
 Truck #: M82  
 Card #  
 Job Ref #

Ticket #: 700-1294329  
 Bid #: O6UJ9A000HH0  
 Date: 4/14/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

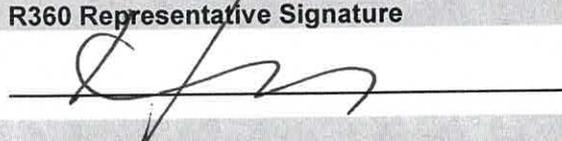
Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_

R360 Representative Signature 

Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: ANDREW RICHARDS
AFE #:
PO #:
Manifest #: NA
Manif. Date: 4/14/2022
Hauler: MCNABB PARTNERS
Driver: JESSE
Truck #: M82
Card #:
Job Ref #

Ticket #: 700-1294364
Bid #: O6UJ9A000HH0
Date: 4/14/2022
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 32438L
Well Name: SANTA FE
Well #: 135
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Permian Basin

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row: Contaminated Soil (RCRA Exempt), 18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:
[X] RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
[ ] RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
[ ] MSDS Information [ ] RCRA Hazardous Waste Analysis [ ] Process Knowledge [ ] Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_ R360 Representative Signature \_\_\_\_\_ (with signature)

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/14/2022  
 Hauler: MCNABB PARTNERS  
 Driver: JESSE  
 Truck #: M82  
 Card #  
 Job Ref #

Ticket #: 700-1294401  
 Bid #: O6UJ9A000HH0  
 Date: 4/14/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

MSDS Information  RCRA Hazardous Waste Analysis  Process Knowledge  Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

*(Handwritten signature)*

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: N/A  
 Manif. Date: 4/14/2022  
 Hauler: MCNABB PARTNERS  
 Driver: JESSE  
 Truck #: M82  
 Card #  
 Job Ref #

Ticket #: 700-1294441  
 Bid #: O6UJ9A000HH0  
 Date: 4/14/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

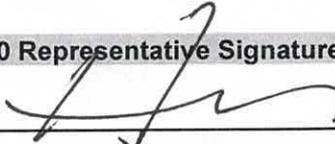
Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information  RCRA Hazardous Waste Analysis  Process Knowledge  Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_

R360 Representative Signature 

Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: 5111917  
 Manif. Date: 4/18/2022  
 Hauler: MCNABB PARTNERS  
 Driver: JESUS  
 Truck #: M33  
 Card #  
 Job Ref #

Ticket #: 700-1295335  
 Bid #: O6UJ9A000HH0  
 Date: 4/18/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	15.00	yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval** \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: ANDREW RICHARDS  
AFE #:  
PO #:  
Manifest #: 511918  
Manif. Date: 4/18/2022  
Hauler: MCNABB PARTNERS  
Driver: JESUS  
Truck #: M33  
Card #  
Job Ref #

Ticket #: 700-1295373  
Bid #: O6UJ9A000HH0  
Date: 4/18/2022  
Generator: CONOCOPHILLIPS  
Generator #:  
Well Ser. #: 32438L  
Well Name: SANTA FE  
Well #: 135  
Field:  
Field #:  
Rig: NON-DRILLING  
County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	15.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
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- MSDS Information  RCRA Hazardous Waste Analysis  Process Knowledge  Other (Provide description above)

**Driver/ Agent Signature** **R360 Representative Signature**

\_\_\_\_\_

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/18/2022  
 Hauler: MCNABB PARTNERS  
 Driver: JOE  
 Truck #: M34  
 Card #  
 Job Ref #

Ticket #: 700-1295385  
 Bid #: O6UJ9A000HH0  
 Date: 4/18/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	16.00	yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: RAY GARCIA  
 AFE #:  
 PO #:  
 Manifest #: N/A  
 Manif. Date: 4/18/2022  
 Hauler: MCNABB PARTNERS LLC  
 Driver: JOE  
 Truck #: M34  
 Card #  
 Job Ref #

Ticket #: 700-1295260  
 Bid #: O6UJ9A000HH0  
 Date: 4/18/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

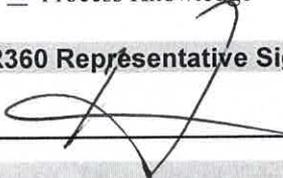
Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature \_\_\_\_\_

R360 Representative Signature  \_\_\_\_\_

Customer Approval \_\_\_\_\_

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: RAY GARCIA  
 AFE #:  
 PO #:  
 Manifest #: N/A  
 Manif. Date: 4/18/2022  
 Hauler: MCNABB PARTNERS  
 Driver: JOE  
 Truck #: M34  
 Card #  
 Job Ref #

Ticket #: 700-1295292  
 Bid #: O6UJ9A000HH0  
 Date: 4/18/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Process Knowledge
  - Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: RAY GARCIA  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/18/2022  
 Hauler: MCNABB PARTNERS  
 Driver: JOE  
 Truck #: M34  
 Card #  
 Job Ref #

Ticket #: 700-1295344  
 Bid #: O6UJ9A000HH0  
 Date: 4/18/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
-------------------------	-------------------------------

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: RAY GARCIA  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/18/2022  
 Hauler: MCNABB PARTNERS  
 Driver: ACIE  
 Truck #: M82  
 Card #  
 Job Ref #

Ticket #: 700-1295332  
 Bid #: O6UJ9A000HH0  
 Date: 4/18/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	18.00	yards

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste  
 RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):  
 MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: ANDREW RICHARDS  
 AFE #:  
 PO #:  
 Manifest #: NA  
 Manif. Date: 4/18/2022  
 Hauler: MCNABB PARTNERS  
 Driver: ACIE  
 Truck #: M82  
 Card #  
 Job Ref #

Ticket #: 700-1295372  
 Bid #: O6UJ9A000HH0  
 Date: 4/18/2022  
 Generator: CONOCOPHILLIPS  
 Generator #:  
 Well Ser. #: 32438L  
 Well Name: SANTA FE  
 Well #: 135  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	<del>20.00</del> yards 18

**Generator Certification Statement of Waste Status**

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

MSDS Information     RCRA Hazardous Waste Analysis     Process Knowledge     Other (Provide description above)

**Driver/ Agent Signature** \_\_\_\_\_ **R360 Representative Signature** \_\_\_\_\_

*[Handwritten Signature]*

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

# **APPENDIX E**

## **Laboratory Analytical Data**



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

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April 06, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: SANTA FE #135 WELLHEAD RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 04/01/22 14:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: WSW - 2 (H221317-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	0.607	
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31	
Total BTEX	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/05/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 70.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 70.9 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: NSW - 2 (H221317-02)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	0.607	
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31	
Total BTEX	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/05/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 72.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 72.5 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: NSW - 3 (H221317-03)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	0.607	
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31	
Total BTEX	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/05/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 80.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.6 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: NSW - 4 (H221317-04)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	0.607	
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31	
Total BTEX	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	04/05/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 82.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.2 % 59.5-142

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\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: NSW - 5 (H221317-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	0.607	
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31	
Total BTEX	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/05/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 74.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 75.1 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: NSW - 6 (H221317-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	0.607	
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31	
Total BTEX	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/05/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 83.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: NSW - 7 (H221317-07)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	0.607		
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93		
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31		
Total BTEX	<0.300	0.300	04/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	04/05/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	182	91.0	200	2.44		
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	169	84.4	200	2.13		
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND						

Surrogate: 1-Chlorooctane 74.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: ESW - 1 (H221317-08)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	0.607	
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31	
Total BTEX	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/05/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 1 ( 4' ) (H221317-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	0.607	
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31	
Total BTEX	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	04/05/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 72.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.1 % 59.5-142

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**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 2 ( 4' ) (H221317-10)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	0.607		
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93		
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31		
Total BTEX	<0.300	0.300	04/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	04/05/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	182	91.0	200	2.44		
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	169	84.4	200	2.13		
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND						

Surrogate: 1-Chlorooctane 76.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.8 % 59.5-142

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**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 3 ( 4' ) (H221317-11)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	0.607	
Toluene*	<0.050	0.050	04/04/2022	ND	2.08	104	2.00	1.93	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.04	101	6.00	2.31	
Total BTEX	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/05/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 85.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/01/2022	Sampling Date:	04/01/2022
Reported:	04/06/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 4 ( 4' ) (H221317-12)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2022	ND	2.07	104	2.00	1.93	
Toluene*	<0.050	0.050	04/05/2022	ND	2.03	102	2.00	2.51	
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	1.93	96.6	2.00	2.64	
Total Xylenes*	<0.150	0.150	04/05/2022	ND	6.03	100	6.00	2.70	
Total BTEX	<0.300	0.300	04/05/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	04/05/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	182	91.0	200	2.44	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	169	84.4	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 71.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 71.0 % 59.5-142

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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Page 01 of 02

<b>Company Name:</b> Covoco Phillips <b>Project Manager:</b> Christian Lull <b>Address:</b> christian.lull@tetratex.com <b>City:</b> State: Zip: <b>Phone #:</b> Fax #: <b>Project #:</b> 819C-MD-02194 <b>Project Owner:</b> <b>Project Name:</b> Santa Fe #135 Wellhead Release <b>Project Location:</b> Lea County, NM <b>Sampler Name:</b> Joe Tyler <small>FOR LAB USE ONLY</small>		<b>P.O. #:</b> <b>Company:</b> Tetra Tech <b>Attn:</b> Christian Lull <b>Address:</b> <b>City:</b> <b>State:</b> Zip: <b>Phone #:</b> <b>Fax #:</b>	
<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
<b>Lab I.D.</b>	<b>Sample I.D.</b>	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERV SAMPLING
H221317 1 2 3 4 5 6 7 8 9 10	NSC0-2 NSC0-2 NSC0-3 NSC0-4 NSC0-5 NSC0-6 NSC0-7 ESC0-1 FS-1 (4) FS-2 (4)	1 1 1 1 1 1 1 1 1 1	4-01 1000 1030 1040 1050 1100 1110 1120 1260 1230 1300
Relinquished By: Joe Tyler Date: 4-01-22 Time: 1405		Received By: [Signature] Date: _____ Time: _____	
Delivered By: (Circle One) UPS - Bus - Other:		Observed Temp. °C: 31.3 Corrected Temp. °C: 30.8 Sample Condition: Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: (Initials) J.P.	
Turnaround Time: _____ Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) Sample Condition: Cool Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C: _____ Corrected Temp. °C: _____	
REMARKS:			





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

---

April 14, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: SANTA FE #135 WELLHEAD RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 04/11/22 13:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 9 (H221463-01)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	10.5	
Toluene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	9.79	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.11	105	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.54	109	6.00	10.1	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	189	94.6	200	8.50	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	220	110	200	8.51	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 97.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 10 (H221463-02)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	10.5	
Toluene*	<0.050	0.050	04/13/2022	ND	2.20	110	2.00	9.79	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.11	105	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.54	109	6.00	10.1	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	189	94.6	200	8.50	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	220	110	200	8.51	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 11 (H221463-03)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.834	
Toluene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.917	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.03	101	2.00	0.676	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.27	105	6.00	0.667	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	189	94.6	200	8.50	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	220	110	200	8.51	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 98.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 12 (H221463-04)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.834	
Toluene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.917	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.03	101	2.00	0.676	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.27	105	6.00	0.667	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	189	94.6	200	8.50	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	220	110	200	8.51	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 91.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 13 (H221463-05)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.834	
Toluene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.917	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.03	101	2.00	0.676	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.27	105	6.00	0.667	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	195	97.5	200	6.71	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	175	87.4	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 98.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 14 (H221463-06)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.834	
Toluene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.917	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.03	101	2.00	0.676	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.27	105	6.00	0.667	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	195	97.5	200	6.71	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	175	87.4	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 15 (H221463-07)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.834	
Toluene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.917	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.03	101	2.00	0.676	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.27	105	6.00	0.667	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	195	97.5	200	6.71	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	175	87.4	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 97.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 16 (H221463-08)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.834	
Toluene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.917	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.03	101	2.00	0.676	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.27	105	6.00	0.667	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1810	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	195	97.5	200	6.71	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	175	87.4	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 92.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.6 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 17 (H221463-09)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.834	
Toluene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.917	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.03	101	2.00	0.676	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.27	105	6.00	0.667	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	195	97.5	200	6.71	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	175	87.4	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 18 (H221463-10)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.834	
Toluene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.917	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.03	101	2.00	0.676	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.27	105	6.00	0.667	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6400	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	195	97.5	200	6.71	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	175	87.4	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 86.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 19 (H221463-11)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.834	
Toluene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.917	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.03	101	2.00	0.676	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.27	105	6.00	0.667	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	195	97.5	200	6.71	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	175	87.4	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 97.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 20 (H221463-12)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.834	
Toluene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.917	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.03	101	2.00	0.676	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.27	105	6.00	0.667	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10200	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	195	97.5	200	6.71	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	175	87.4	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 96.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 21 (H221463-13)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.834	
Toluene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.917	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.03	101	2.00	0.676	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.27	105	6.00	0.667	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	195	97.5	200	6.71	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	175	87.4	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/11/2022	Sampling Date:	04/11/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 8 (H221463-14)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.834	
Toluene*	<0.050	0.050	04/14/2022	ND	2.12	106	2.00	0.917	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.03	101	2.00	0.676	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.27	105	6.00	0.667	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	195	97.5	200	6.71	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	175	87.4	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 88.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

01 of 02

Company Name: <u>Genaco Phillips</u> Project Manager: <u>Christina Lull</u>		P.O. #: _____ Company: <u>Tetra Tech</u>	
Address: <u>christina.lull@tetatech.com</u> City: _____ State: _____ Zip: _____		Attn: <u>Christina Lull</u> Address: _____ City: _____ State: _____ Zip: _____	
Project #: <u>2192-MD-02194</u> Project Owner: _____ Project Name: <u>Santa Fe #135 Wellhead Release</u>		City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Project Location: <u>Lea County, NM</u> Sampler Name: <u>Tea Tyler</u>		Phone #: _____ Fax #: _____	
FOR LAB USE ONLY			
Lab I.D.: <u>H221463</u>	Sample I.D.: _____	(G)RAB OR (C)OMP.	# CONTAINERS
1 <u>ES-9</u>	G	GROUNDWATER	WASTEWATER
2 <u>ES-10</u>		SOIL	OIL
3 <u>ES-11</u>		SLUDGE	OTHER:
4 <u>ES-12</u>		ACID/BASE:	ICE / COOL
5 <u>ES-13</u>		OTHER:	DATE
6 <u>ES-14</u>		DATE	TIME
7 <u>ES-15</u>		4-11	1000
8 <u>ES-16</u>			1010
9 <u>ES-17</u>			1026
10 <u>ES-18</u>			1030
		TPH	BTEX
		Chlorides	

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Relinquished By: Tea Tyler Date: 4-11-22 Received By: [Signature] Date: 4-11-22  
 Time: 1305  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_ Date: \_\_\_\_\_

Delivered By: (Circle One) Observed Temp. °C 330 Sample Condition:  Intact  Cool  Yes  No  
 Corrected Temp. °C 32.5 Checked By: [Signature] (Initials)  
 Turnaround Time: Standard  Standard  Rush  Bacteria (only)  Cool  Intact  Yes  No  
 Thermometer ID #113 Correction Factor -0.5°C  
 Verbal Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 All Results are emailed. Please provide Email address: \_\_\_\_\_  
 REMARKS: \_\_\_\_\_



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

02 of 02

Company Name: <u>Carney Phillips</u> Project Manager: <u>Christina Lull</u> Address: <u>Christina Lull @ tsk-tech.com</u> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: <u>ARC-MD-0994</u> Project Owner: _____ Project Name: <u>Santa Fe #135 Wellhead Release</u> Project Location: <u>Lea County, NM</u> Sampler Name: <u>St. Joe</u>		P.O. #: _____ Company: <u>Tetra Tech</u> Attn: <u>Christina Lull</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. <u>A221463</u> Sample I.D. _____ 11 <u>FS-19</u> (G)RAB OR (C)OMP. _____ 12 <u>FS-20</u> # CONTAINERS _____ 13 <u>FS-21</u> GROUNDWATER _____ 14 <u>FS-8</u> WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____		MATRIX _____ PRESERV. _____ SAMPLING _____ DATE _____ TIME _____ TPH _____ BTEX _____ Chlorides _____	
Relinquished By: <u>[Signature]</u> Date: <u>4-11-22</u> Received By: <u>[Signature]</u> Date: <u>4-11-22</u> Time: <u>1305</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS: _____	
Delivered By: (Circle One) <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other: Observed Temp. °C <u>330</u> Corrected Temp. °C <u>32.5</u> Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <u>[Signature]</u> Turnaround Time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush Thermometer ID #113 <input type="checkbox"/> Bacteria (only) Sample Condition Correction Factor -0.5°C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Cool Intact Observed Temp. °C <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

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April 20, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: SANTA FE #135 WELLHEAD RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 04/14/22 13:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/20/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 5 (H221560-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2022	ND	1.81	90.6	2.00	15.1	
Toluene*	<0.050	0.050	04/19/2022	ND	1.87	93.3	2.00	14.3	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	1.87	93.6	2.00	15.8	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	5.53	92.1	6.00	17.2	
Total BTEX	<0.300	0.300	04/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	204	102	200	5.06	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	203	101	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/20/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 6 (H221560-02)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2022	ND	1.81	90.6	2.00	15.1	
Toluene*	<0.050	0.050	04/20/2022	ND	1.87	93.3	2.00	14.3	
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.87	93.6	2.00	15.8	
Total Xylenes*	<0.150	0.150	04/20/2022	ND	5.53	92.1	6.00	17.2	
Total BTEX	<0.300	0.300	04/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	204	102	200	5.06	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	203	101	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 125 % 66.9-136

Surrogate: 1-Chlorooctadecane 134 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/20/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 7 (H221560-03)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2022	ND	1.81	90.6	2.00	15.1	
Toluene*	<0.050	0.050	04/20/2022	ND	1.87	93.3	2.00	14.3	
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.87	93.6	2.00	15.8	
Total Xylenes*	<0.150	0.150	04/20/2022	ND	5.53	92.1	6.00	17.2	
Total BTEX	<0.300	0.300	04/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	204	102	200	5.06	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	203	101	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 126 % 66.9-136

Surrogate: 1-Chlorooctadecane 138 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/20/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: NSW - 1 (H221560-04)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/19/2022	ND	1.81	90.6	2.00	15.1		
Toluene*	<0.050	0.050	04/19/2022	ND	1.87	93.3	2.00	14.3		
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	1.87	93.6	2.00	15.8		
Total Xylenes*	<0.150	0.150	04/19/2022	ND	5.53	92.1	6.00	17.2		
Total BTEX	<0.300	0.300	04/19/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/19/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	204	102	200	5.06		
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	203	101	200	1.59		
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND						

Surrogate: 1-Chlorooctane 121 % 66.9-136

Surrogate: 1-Chlorooctadecane 133 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/20/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: WSW - 1 (H221560-05)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/19/2022	ND	1.81	90.6	2.00	15.1		
Toluene*	<0.050	0.050	04/19/2022	ND	1.87	93.3	2.00	14.3		
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	1.87	93.6	2.00	15.8		
Total Xylenes*	<0.150	0.150	04/19/2022	ND	5.53	92.1	6.00	17.2		
Total BTEX	<0.300	0.300	04/19/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	04/19/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	204	102	200	5.06		
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	203	101	200	1.59		
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND						

Surrogate: 1-Chlorooctane 121 % 66.9-136

Surrogate: 1-Chlorooctadecane 133 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/20/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: WSW - 3 (H221560-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2022	ND	1.81	90.6	2.00	15.1	
Toluene*	<0.050	0.050	04/19/2022	ND	1.87	93.3	2.00	14.3	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	1.87	93.6	2.00	15.8	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	5.53	92.1	6.00	17.2	
Total BTEX	<0.300	0.300	04/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	204	102	200	5.06	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	203	101	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/20/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: ESW - 2 (H221560-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2022	ND	1.81	90.6	2.00	15.1	
Toluene*	<0.050	0.050	04/19/2022	ND	1.87	93.3	2.00	14.3	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	1.87	93.6	2.00	15.8	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	5.53	92.1	6.00	17.2	
Total BTEX	<0.300	0.300	04/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	204	102	200	5.06	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	203	101	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 118 % 66.9-136

Surrogate: 1-Chlorooctadecane 126 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/20/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: ESW - 3 (H221560-08)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2022	ND	1.81	90.6	2.00	15.1	
Toluene*	<0.050	0.050	04/19/2022	ND	1.87	93.3	2.00	14.3	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	1.87	93.6	2.00	15.8	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	5.53	92.1	6.00	17.2	
Total BTEX	<0.300	0.300	04/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	204	102	200	5.06	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	203	101	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QR-04 The RPD for the BS/BSD was outside of historical limits.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

Company Name: <u>Caraco Phillips</u>		P.O. #:	
Project Manager: <u>Christina Lull</u>		Company: <u>Tetra Tech</u>	
Address: <u>christina.lull@tetratech.com</u>		Attn: <u>Christina Lull</u>	
City: _____ State: _____ Zip: _____		Address: _____	
Phone #: _____ Fax #: _____		City: _____ State: _____ Zip: _____	
Project #: <u>3192-MD-02194</u> Project Owner: _____		Phone #: _____ Fax #: _____	
Project Name: <u>Santa Fe #135 Wellhead Release</u>		Project Location: <u>Lea County, NM</u>	
Sampler Name: <u>Joe Tyler</u>		FOR LAB USE ONLY	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<u>H221560</u>	<u>FS-5</u>	<u>G</u>	<u>1</u>			<u>X</u>				<u>X</u>	<u>1000</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>1</u>	<u>FS-6</u>										<u>1030</u>			
<u>2</u>	<u>FS-7</u>										<u>1040</u>			
<u>3</u>	<u>MS02-1</u>										<u>1100</u>			
<u>4</u>	<u>MS02-1</u>										<u>1130</u>			
<u>5</u>	<u>MS02-3</u>										<u>1200</u>			
<u>6</u>	<u>ES02-2</u>										<u>1330</u>			
<u>7</u>	<u>ES02-3</u>										<u>1300</u>			
<u>8</u>	<u>ES02-3</u>										<u>1300</u>			

Relinquished By: <u>Joe Tyler</u>	Date: <u>4-14-22</u>	Received By: <u>Jamara White</u>	Date: <u>4-14-22</u>
Time: <u>1305</u>	Time: _____	Time: _____	Time: _____

Delivered By: (Circle One)	Observed Temp. °C <u>29.6</u>	Sample Condition	CHECKED BY: _____	Turnaround Time:	Standard <u>Rush</u>	Bacteria (only)	Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>29.1</u>	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	(Initials)	Thermometer ID #113	<input checked="" type="checkbox"/>	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	Observed Temp. °C
		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Correction Factor -0.5°C		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Corrected Temp. °C

REMARKS: \_\_\_\_\_

Verbal Result:  Yes  No  Add'l Phone #: \_\_\_\_\_

All Results are emailed. Please provide Email address: \_\_\_\_\_



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

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April 20, 2022

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: SANTA FE #135 WELLHEAD RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 04/19/22 12:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 CHRISTIAN LLULL  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/20/2022	Sampling Type:	Soil
Project Name:	SANTA FE #135 WELLHEAD RELEASE	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02194	Sample Received By:	Tamara Oldaker
Project Location:	CONOCO PHILLIPS - LEA CO NM		

**Sample ID: FS - 20 ( 5' ) (H221604-01)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2022	ND	1.87	93.3	2.00	6.93	
Toluene*	<0.050	0.050	04/19/2022	ND	1.85	92.5	2.00	7.41	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	1.76	87.8	2.00	7.28	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	5.49	91.5	6.00	6.79	
Total BTEX	<0.300	0.300	04/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	04/20/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	207	103	200	1.24	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	214	107	200	0.539	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Notes and Definitions**

- S-04            The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND             Analyte NOT DETECTED at or above the reporting limit
- RPD            Relative Percent Difference
- \*\*              Samples not received at proper temperature of 6°C or below.
- \*\*\*             Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

01 of 01

Company Name: <u>Conoco Phillips</u> Project Manager: <u>Christina Wall</u> Address: <u>Christina Wall @ teta.tech.com</u> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: <u>019-02</u> Project Owner: _____ Project Name: <u>Santa Fe 315 Wellhead Release</u> Project Location: <u>Lea County, NM</u> Sampler Name: <u>Tyler Tyler</u>		P.O. #: _____ Company: <u>Teta Tech</u> Attn: <u>Christina Wall</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. <u>H221604</u> Sample I.D. <u>FS-2015.1</u>		(G)RAB OR (C)OMP. <u>G</u> # CONTAINERS <u>1</u> MATRIX: <input checked="" type="checkbox"/> GROUNDWATER <input checked="" type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE OTHER: _____ ACID/BASE: _____ ICE / COOL <u>X</u> OTHER: _____	
FOR LAB USE ONLY		PRESERV. _____ SAMPLING _____	
Date: <u>4-19-22</u> Time: <u>12:15</u> Relinquished By: <u>[Signature]</u> Received By: <u>[Signature]</u>		DATE: <u>4-19</u> TIME: <u>1:00</u> ANALYSIS REQUEST: <u>TPH</u> <u>BTEX</u> <u>Chlorides</u>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C <u>33.3</u> Corrected Temp. °C <u>31.8</u>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: <u>[Signature]</u> Turnaround Time: _____ Standard <input checked="" type="checkbox"/> <b>Rush</b> Bacteria (only) <input type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Sample Condition Observed Temp. °C _____ Corrected Temp. °C _____	
REMARKS: _____ Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____			

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

# **APPENDIX F**

## **Photographic Documentation**



TETRA TECH, INC. PROJECT NO. 212C-MD-02194	DESCRIPTION	Site signage; Santa Fe #135 and location information.	1
	SITE NAME	ConocoPhillips Santa Fe #135 Wellhead Release	4/19/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02194	DESCRIPTION	View north. Eastern portion of 4' excavation.	2
	SITE NAME	ConocoPhillips Santa Fe #135 Wellhead Release	4/19/2022



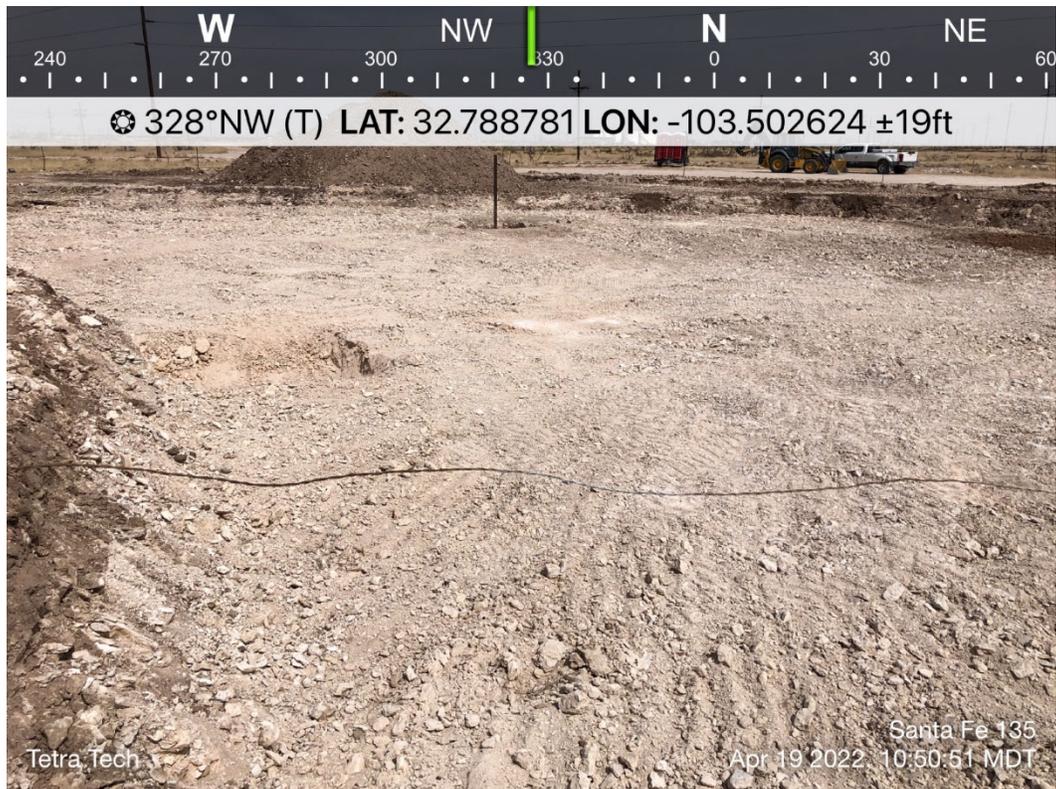
TETRA TECH, INC. PROJECT NO. 212C-MD-02194	DESCRIPTION	View northwest. Western portion of 4' excavation.	3
	SITE NAME	ConocoPhillips Santa Fe #135 Wellhead Release	4/19/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02194	DESCRIPTION	View west. West and section of north sidewalls visible.	4
	SITE NAME	ConocoPhillips Santa Fe #135 Wellhead Release	4/19/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02194	DESCRIPTION	View east. Eastern portion or 4' excavation.	5
	SITE NAME	ConocoPhillips Santa Fe #135 Wellhead Release	4/19/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02194	DESCRIPTION	View northwest. 4' excavation.	6
	SITE NAME	ConocoPhillips Santa Fe #135 Wellhead Release	4/19/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02194	DESCRIPTION	View east-northeast. 4' excavation and well marker.	7
	SITE NAME	ConocoPhillips Santa Fe #135 Wellhead Release	4/19/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02194	DESCRIPTION	View east. Portion of north sidewall and full view of eastern sidewall.	8
	SITE NAME	ConocoPhillips Santa Fe #135 Wellhead Release	4/19/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02194	DESCRIPTION	View southwest. Excavated area following backfilling and seeding.	9
	SITE NAME	ConocoPhillips Santa Fe #135 Wellhead Release	5/10/2022



TETRA TECH, INC. PROJECT NO. 212C-MD-02194	DESCRIPTION	View west. Excavated area following backfilling and seeding.	10
	SITE NAME	ConocoPhillips Santa Fe #135 Wellhead Release	5/10/2022

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 108846

**CONDITIONS**

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 108846
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
amaxwell	None	2/27/2023