RECEIVED

APPROVED

By JKeyes at 3:02 pm, Feb 10, 2016

By JKeyes at 3:02 pm, Feb 10, 2016

3709 S. Eunice HWY P.O. Box 1058 Hobbs, NM 88241 Office: 575-393-3386 Fax: 575-391-4585 info@hungry-horse.com

5Feb16

To: Kellie Jones, New Mexico Oil Conservation Division, District 1 **Reference: Closure Request Operator:** Apache Corporation Location: Northeast Drinkard Unit 3503W API: 30-025-06473 Legals: UL. K, Sec. 10, T21S, R37E, Lea County, New Mexico GPS: 32.49185 -103.15268

HUNGRY HO

DIRT WORK * ON-SITE

SOIL TESTING * EXCAVA

Site Information

This site is located 3 miles north of Eunice, New Mexico east of Highway 207 between the highway and railroad tracks. The site is a heavily traveled area and is quite congested with both above and below ground oil/gas facilities. The surrounding area is very sparsely vegetated with mesquite bushes, creosote bushes, and native grasses. There is very little topsoil with caliche and caliche rock being the predominant soil formations.

The New Mexico Office of the State Engineer website list no groundwater data for this section. The Lea County Depth to Groundwater Map indicates ground water to be <100'.

The site of the release is a shallow buried line running parallel to a heavily traveled lease road. The road bed is well defined in that it is of a lower elevation than the surround terrain. Thus the release was primarily contained to the road. The impacted portion of the road is approximately 70' long.

Work Conducted to Date

Delineation was conducted in two phases at the site. The first being done by use of hand tools and the second using a back-hoe. Four sample points of the impacted area were selected for sampling. (See attached overhead map.) Lab analysis was conducted for TPH, BTEX, and Chlorides. Results indicated TPH and BTEX were non-detectable and were not contaminants of concern for the release. Chlorides were present and slightly elevated at RSP 3. (See attached Analytical Summary and Lab Reports.) This was an expected discovery due to the fact the road bed was the main impacted area.

Sample Points SSP 1, RSP 1, and RSP 2 require no work. At RSP 3, which is a heavily traveled lease road, delineation results indicate a significant drop in Chloride levels beginning at 3.5' BGS. Due to relatively small area of impacted road bed and based upon dropping Chloride levels, I propose to leave this impacted area in place with no excavation.

Closure of this release is requested with a Final C-141 to be submitted upon receipt.

Vernon K. Black, Hungry Horse, LLC

State of New Mexico Energy Minerals and Natural Resources

Final Report

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

API No. 30-025-06473

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505

Release Notification and Corrective Action	1	
OPERATOR		Initial Report

	UT End it out
Name of Company: Apache Corporation	Contact Bruce Baker
Address: 2350 W Marland Blvd Hobbs, NM 88240	Telephone No. (432) 631-6982
Address: 2550 W Mariand Bryd Hobbs, Full Sol	Facility Type: Injection Well
Facility Name NEDU 503W	

Surface Owner State

LOCATION OF RELEASE

Mineral Owner

Unit Letter K	Section 10	Township 21S	Range 37E	Feet from the 2080'	North/South Line FSL	Feet from the 2080'	East/West Line FWL	County Lea
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Latitude N32.4918556 Longitude W103.1526871

NATURE OF RELEASE

NATURE	OF REFERENCE	Volume Recovered 60 barrels of			
Type of Release: produced water	Volume of Release 65 barrels of	produced water			
	produced water Date and Hour of Occurrence	Date and Hour of Discovery			
Source of Release: Fiberglass Line	Unknown 11/21/2015	11/21/2015			
	If YES, To Whom?				
Was Immediate Notice Given?	Kellie Jones (NMOCD)				
Was immediate Notice Given ∑ Yes □ No □ Not Required					
By Whom? Bruce Baker	Date and Hour 11/23/2015	orgourse			
Was a Watercourse Reached?	If YES, Volume Impacting the Wat	ereomse.			
Yes X No		``````````````````````````````````````			
the second Describe Fully *	<u>}</u>				
If a Watercourse was Impacted, Describe Fully.*					
Describe Cause of Problem and Remedial Action Taken.*	a the time and isolated and renaired	A vacuum truck was dispatched to pick-			
Describe Cause of Problem and Remedial Action Taken.* The 2 inch nipple corroded on the main trunk line resulting in the loss of f	luid. A line was isolated and reparce				
up standing fluid.					
the state of the second s					
Describe Area Affected and Cleanup Action Taken.* Majority of the release was contained on the lease road with approximately 1,000 square feet of pasture affected. The release has been mapped and was					
Majority of the release was contained on the lease road with approximate delineated on 12/8/2015 and samples were sent to commercial laboratory	for analysis.				
delineated on 12/8/2015 and samples were sent to commercial most and s					
		and that nurewant to NMOCD rules and			
I hereby certify that the information given above is true and complete to the	he best of my knowledge and understa	tions for releases which may endanger			
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 regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger of a contract of the NMOCD marked as "Final Report" does not relieve the operator of liability					
public health or the environment. The acceptance of a C-141 report by the twoold mine that page a threat to ground water, surface water, human health					
should their operations have failed to adequately investigate and remediat	e containination that pose a tilter to g	sibility for compliance with any other			
or the environment. In addition, NMOCD acceptance of a C-141 report	locs not reneve the operator of the	,			
federal, state, or local laws and/or regulations.	OIL CONSER	VATION DIVISION			
	OIL COROLIC	1111101, 201, 201			
Signature: Brune Bacher					
Signature: Parker Approved by Environmental Specialist:					
Printed Name: Bruce Baker					
		Provinction Data			
Title: Environmental Technician	Approval Date:	Expiration Date:			
THE, Environmental recuments		_			
E-mail Address: larry.baker@apachecorp.com	Conditions of Approval:	Attached			
Date: 12/9/2015 Phone: (432) 631-6982					

* Attach Additional Sheets If Necessary



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

No records found.

PLSS Search:

Section(s): 10

Township: 21S

Range: 37E

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.



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Operator: Apache Corporation

Location: Northeast Drinkard Unit # 503W

Summary of Remediation Sampling Analytical Results as Parts Per Million (PPM)

BTEX

Sample Point	Depth	LAB	
RSP 1	:5	ND	
	1-	ND	
	1.5'	ND	
RSP 2	Surface	ND	
	īj	ND	
	1'	ND	
RSP 3	Sursface	ND	
4 - 5	:5	ND	
	1'	ND	
	1.5'	ND	
SSP 1	Surface	ND	
	.5'	ND	

ТРН			
Sample Point	Depth	LAB	
RSP 1	.5	ND	
	1'	ND	
	1.5'	ND	
RSP 2	Surface	ND	
	5.	ND	
	1'	ND	
	1.5'	ND	
RSP 3	Surface	325	
	:5'	ND	
	1'	ND	
SSP 1	Surface	ND	
	.5'	ND	

es	
D	
Ξ	
0	
2	
0	

Sample Point	Depth	LAB
RSP 1	.5'	ND
	1'	ND
	1.5'	96
RSP 2	Surface	144
	5.	64
	1	80
RSP 3	Surface	48
	.5	96
	1'	576
	1.5'	640
	3.5'	944
	4.5'	864
	5.5'	608
	6.5'	480
SSP 1	Surface	320
	.5	96



December 14, 2015

VERNON BLACK Hungry Horse Environmental P.O. Box 1058 Hobbs, NM 88240

RE: APACHE - NEDU #503W

Enclosed are the results of analyses for samples received by the laboratory on 12/08/15 12:19.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accred certif.html.

Cardinal Laboratories is accreditated 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,

Celeg D. Keene

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Hungry Horse Environmental VERNON BLACK P.O. Box 1058 Hobbs NM, 88240 (505) 391-4585 Fax To:

Received: Reported: Project Name: Project Number: Project Location:	12/08/2015 12/14/2015 APACHE - NEDU #503W NONE GIVEN EUNICE, NM	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	12/08/2015 Soil Cool & Intact Judy Garcia
---------------------------------------------------------------------------------	-----------------------------------------------------------------------------	--------------------------------------------------------------------------------	----------------------------------------------------

Sample ID: RSP1 6" (H503193-01)

Sample ID: RSP1 6 (HS BTEX 8021B	mg/	kg	Analyze	d By: MS					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	<0.050	0.050	12/11/2015	ND	1.90	94.8	2.00	4.60	
Benzene*		0.050	12/11/2015	ND	1.90	95.0	2.00	3.78	
Toluene*	< 0.050		12/11/2015	ND	1.94	96.8	2.00	2.63	
Ethylbenzene*	<0.050	0.050	12/11/2015	ND	5.90	98.3	6.00	2.55	
Total Xylenes*	<0.150	0.150		ND	0.000				
Total BTEX	<0.300	0.300	12/11/2015	ND					

73.6-140 104 % Surrogate: 4-Bromofluorobenzene (PIL

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	<16.0	16.0	12/11/2015	ND	432	108	400	0.00	
hloride	ma	/kg	Analyze	d By: MS					
PH 8015M	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte		10.0	12/09/2015	ND	198	99.2	200	0.713	
RO C6-C10	<10.0			ND	188	94.2	200	0.463	
DRO >C10-C28	<10.0	10.0	12/09/2015	ND	100				
'urrogate: 1-Chlorooctane	93.1	% 35-142	7						
Surrogate: 1-Chlorooctadecane	96.5	28-17	1						

*=Accredited Analyte

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Celez Di Keine



12/00/2015

Analytical Results For:

Hungry Horse Environmental VERNON BLACK P.O. Box 1058 Hobbs NM, 88240 (505) 391-4585 Fax To:

Received: Reported: Project Name: Project Number: Project Location:	12/08/2015 12/14/2015 APACHE - NEDU #503W NONE GIVEN EUNICE, NM	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	Soil Cool & Intact Judy Garcia
---------------------------------------------------------------------------------	-----------------------------------------------------------------------------	--------------------------------------------------------------------------------	--------------------------------------

Sample ID: RSP1 1' (H503193-02)

Sample ID: RSP1 1 (H5051) BTEX 8021B	mg/	kg	Analyze	d By: MS					and the second
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte		0.050	12/11/2015	ND	1.90	94.8	2.00	4.60	
Benzene*	<0.050		12/11/2015	ND	1.90	95.0	2.00	3.78	
Toluene*	< 0.050	0.050	A. A.	ND	1.94	96.8	2.00	2.63	
Ethylbenzene*	< 0.050	0.050	12/11/2015			98.3	6.00	2.55	
Total Xylenes*	< 0.150	0.150	12/11/2015	ND	5.90	50.5	0.000		
Total BTEX	<0.300	0.300	12/11/2015	ND					

105 % 73.6-140 Surrogate: 4-Bromofluorobenzene (PIL

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	<16.0	16.0	12/11/2015	ND	432	108	400	0.00	
Chloride	mg	/kg	Analyze	d By: MS		_			
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	<10.0	10.0	12/09/2015	ND	203	101	200	0.611	
GRO C6-C10	<10.0	10.0	12/09/2015	ND	195	97.4	200	1.22	
DRO >C10-C28	<10.0								
Surrogate: 1-Chlorooctane	79.6	35-147	7						

28-171 82.0 % Surrogate: 1-Chlorooctadecane

*=Accredited Analyte

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10/00/0015

Analytical Results For:

Hungry Horse Environmental VERNON BLACK P.O. Box 1058 Hobbs NM, 88240 (505) 391-4585 Fax To:

Received: Reported: Project Name: Project Number: Project Location:	12/08/2015 12/14/2015 APACHE - NEDU #503W NONE GIVEN EUNICE, NM	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	12/08/2015 Soil Cool & Intact Judy Garcia	
---------------------------------------------------------------------------------	-----------------------------------------------------------------------------	--------------------------------------------------------------------------------	----------------------------------------------------	--

Sample ID: RSP1 1.5' (H503193-03)

Sample ID: RSP1 1.5 (F BTEX 8021B	mg/	kg	Analyze	d By: MS					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	<0.050	0.050	12/11/2015	ND	1.90	94.8	2.00	4.60	
Benzene*			12/11/2015	ND	1.90	95.0	2.00	3.78	
Toluene*	<0.050	0.050			1.94	96.8	2.00	2.63	
Ethylbenzene*	<0.050	0.050	12/11/2015	ND			6.00	2.55	
Total Xylenes*	<0.150	0.150	12/11/2015	ND	5.90	98.3	6.00	2.55	
	< 0.300	0.300	12/11/2015	ND					
Total BTEX	(0.500								

73.6-140 105 % Surrogate: 4-Bromofluorobenzene (PIL

Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AP					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	96.0	16.0	12/11/2015	ND	432	108	400	0.00	
Chloride	mg,	/kg	Analyze	d By: MS					
rph 8015M	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	<10.0	10.0	12/09/2015	ND	203	101	200	0.611	
GRO C6-C10	<10.0	10.0	12/09/2015	ND	195	97.4	200	1.22	
DRO >C10-C28	<10.0	1010							
Surrogate: 1-Chlorooctane	87.9	% 35-147							
Surrogate: 1-Chlorooctadecane	90.9	% 28-171							

*=Accredited Analyte

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Hungry Horse Environmental VERNON BLACK P.O. Box 1058 Hobbs NM, 88240 (505) 391-4585 Fax To:

Received: Reported: Project Name: Project Number: Project Location:	12/08/2015 12/14/2015 APACHE - NEDU #503W NONE GIVEN EUNICE, NM	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	12/08/2015 Soil Cool & Intact Judy Garcia
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Sample ID: RSP2 SURFACE (H503193-04)

Sample ID: RSP2 SURF BTEX 8021B	mg/		Analyze	d By: MS					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	<0.050	0.050	12/11/2015	ND	1.90	94.8	2.00	4.60	
Benzene*		0.050	12/11/2015	ND	1.90	95.0	2.00	3.78	
Toluene*	< 0.050	0.050	12/11/2015	ND	1.94	96.8	2.00	2.63	
Ethylbenzene*	<0.050		12/11/2015	ND	5.90	98.3	6.00	2.55	
Total Xylenes*	<0.150	0.150			2.00				
Total BTEX	<0.300	0.300	12/11/2015	ND					

73.6-140 Surrogate: 4-Bromofluorobenzene (PIL 106%

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	144	16.0	12/11/2015	ND	432	108	400	0.00	
Chloride PH 8015M	mg		Analyze	d By: MS					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	<10.0	10.0	12/09/2015	ND	203	101	200	0.611	
;RO C6-C10)RO >C10-C28	<10.0	10.0	12/09/2015	ND	195	97.4	200	1.22	
		% 35-147	7						
Surrogate: 1-Chlorooctane	88.7	70							
Surrogate: 1-Chlorooctadecane	90.4	% 28-17	1						

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*=Accredited Analyte

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Hungry Horse Environmental VERNON BLACK P.O. Box 1058 Hobbs NM, 88240 (505) 391-4585 Fax To:

Received: Reported: Project Name: Project Number: Project Location:	12/08/2015 12/14/2015 APACHE - NEDU #503W NONE GIVEN EUNICE, NM	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	12/08/2015 Soil Cool & Intact Judy Garcia
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Sample ID: RSP2 6" (H503193-05)

Sample ID: RSP2 6" (HSC BTEX 8021B	mg/	kg	Analyze	d By: MS					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte		0.050	12/11/2015	ND	1.90	94.8	2.00	4.60	
Benzene*	<0.050		12/11/2015	ND	1.90	95.0	2.00	3.78	
Toluene*	<0.050	0.050		ND	1.94	96.8	2.00	2.63	
Ethylbenzene*	<0.050	0.050	12/11/2015			98.3	6.00	2.55	
Total Xylenes*	<0.150	0.150	12/11/2015	ND	5.90	50.5			
Total BTEX	<0.300	0.300	12/11/2015	ND					

73.6-140 105 % Surrogate: 4-Bromofluorobenzene (PIL

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/11/2015	ND	432	108	400	0.00	
	mg	/kg	Analyze	d By: MS					
rph 8015M	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte		10.0	12/09/2015	ND	203	101	200	0.611	
GRO C6-C10	<10.0 <10.0	10.0	12/09/2015	ND	195	97.4	200	1.22	
DRO >C10-C28	10.0								
Surrogate: 1-Chlorooctane	88.8	% 35-147	7						
Surrogate: 1-Chlorooctadecane	88.4		1						

*=Accredited Analyte

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Hungry Horse Environmental VERNON BLACK P.O. Box 1058 Hobbs NM, 88240 (505) 391-4585 Fax To:

Received: Reported: Project Name: Project Number: Project Location:	12/08/2015 12/14/2015 APACHE - NEDU #503W NONE GIVEN EUNICE, NM	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	12/08/2015 Soil Cool & Intact Judy Garcia
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Sample ID: RSP2 1' (H503193-06)

Sample ID: RSP2 1 (H303 BTEX 8021B	mg/	kg	Analyze	d By: MS					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	<0.050	0.050	12/11/2015	ND	1.75	87.7	2.00	2.38	
Benzene*	<0.050	0.050	12/11/2015	ND	1.75	87.5	2.00	2.03	
Toluene*		0.050	12/11/2015	ND	1.82	91.1	2.00	2.56	
Ethylbenzene*	<0.050		12/11/2015	ND	5.38	89.7	6.00	2.04	
Total Xylenes*	<0.150	0.150		ND					
Total BTEX	<0.300	0.300	12/11/2015	ND					

73.6-140 106% Surrogate: 4-Bromofluorobenzene (PIL

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
15 Advided Clambu	80.0	16.0	12/11/2015	ND	432	108	400	0.00	
Chloride TPH 8015M	mg,	/kg	Analyze	d By: MS					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	<10.0	10.0	12/10/2015	ND	203	101	200	0.611	
SRO C6-C10	<10.0	10.0	12/10/2015	ND	195	97.4	200	1.22	
DRO >C10-C28		5							
Surrogate: 1-Chlorooctane	83.9								
Surrogate: 1-Chlorooctadecane	86.9	% 28-171							

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Cellez Keine



10/00/2015

Analytical Results For:

Hungry Horse Environmental VERNON BLACK P.O. Box 1058 Hobbs NM, 88240 (505) 391-4585 Fax To:

Received: Reported: Project Name: Project Number: Project Location:	12/08/2015 12/14/2015 APACHE - NEDU #503W NONE GIVEN EUNICE, NM	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	12/08/2015 Soil Cool & Intact Judy Garcia
---------------------------------------------------------------------------------	-----------------------------------------------------------------------------	--------------------------------------------------------------------------------	----------------------------------------------------

Sample ID: RSP3 SURFACE (H503193-07)

Sample ID: RSP3 SURFACT BTEX 8021B	mg/		Analyze	d By: MS					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	<0.050	0.050	12/11/2015	ND	1.75	87.7	2.00	2.38	
Benzene*			12/11/2015	ND	1.75	87.5	2.00	2.03	
Toluene*	<0.050	0.050		ND	1.82	91.1	2.00	2.56	
Ethylbenzene*	<0.050	0.050	12/11/2015		5.38	89.7	6,00	2.04	
Total Xylenes*	< 0.150	0.150	12/11/2015	ND	5.50	05.7			
Total BTEX	<0.300	0.300	12/11/2015	ND					

73.6-140 105 % Surrogate: 4-Bromofluorobenzene (PIL

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	48.0	16.0	12/11/2015	ND	432	108	400	0.00	
Chloride TPH 8015M	40.0 mg		Analyze	d By: MS					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	<10.0	10.0	12/10/2015	ND	203	101	200	0.611	
GRO C6-C10 DRO >C10-C28	325	10.0	12/10/2015	ND	195	97.4	200	1.22	
-		% 35-147	7						
Surrogate: 1-Chlorooctane	93.6								
Surrogate: 1-Chlorooctadecane	97.0	28-17.							

*=Accredited Analyte

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Celez Di Keine



Hungry Horse Environmental VERNON BLACK P.O. Box 1058 Hobbs NM, 88240 (505) 391-4585 Fax To:

Received: Reported: Project Name: Project Number: Project Location:	12/08/2015 12/14/2015 APACHE - NEDU #503W NONE GIVEN EUNICE, NM	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	12/08/2015 Soil Cool & Intact Judy Garcia
---------------------------------------------------------------------------------	-----------------------------------------------------------------------------	--------------------------------------------------------------------------------	----------------------------------------------------

Sample ID: RSP3 6" (H503193-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	< 0.050	0.050	12/11/2015	ND	1.75	87.7	2.00	2.38	
Benzene*	<0.050	0.050	12/11/2015	ND	1.75	87.5	2.00	2.03	
Toluene*	< 0.050	0.050	12/11/2015	ND	1.82	91.1	2.00	2.56	
Ethylbenzene*	<0.150	0.150	12/11/2015	ND	5.38	89.7	6.00	2.04	
Total Xylenes*		0.300	12/11/2015	ND					
Total BTEX	<0.300	0.500	12/11/2010						

73.6-140 Surrogate: 4-Bromofluorobenzene (PIL 105 %

Chloride, SM4500Cl-B	mg,	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/11/2015	ND	432	108	400	0.00	
PH 8015M	mg	/kg	Analyze	d By: MS					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	<10.0	10.0	12/10/2015	ND	203	101	200	0.611	
GRO C6-C10	<10.0	10.0	12/10/2015	ND	195	97.4	200	1.22	
DRO >C10-C28			7						
Surrogate: 1-Chlorooctane	98.1	% 33-14							

96.9% 28-171 Surrogate: 1-Chlorooctadecane

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Hungry Horse Environmental VERNON BLACK P.O. Box 1058 Hobbs NM, 88240 (505) 391-4585 Fax To:

Received: Reported: Project Name: Project Number: Project Location:	12/08/2015 12/14/2015 APACHE - NEDU #503W NONE GIVEN EUNICE, NM	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	12/08/2015 Soil Cool & Intact Judy Garcia
---------------------------------------------------------------------------------	-----------------------------------------------------------------------------	--------------------------------------------------------------------------------	----------------------------------------------------

Sample ID: RSP3 1' (H503193-09)

Sample ID: KSP3 I (H303 BTEX 8021B		mg/kg		d By: MS					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	< 0.050	0.050	12/11/2015	ND	1.75	87.7	2.00	2.38	
Benzene*			12/11/2015	ND	1.75	87.5	2.00	2.03	
Toluene*	< 0.050	0.050			1.82	91.1	2.00	2.56	
Ethylbenzene*	<0.050	0.050	12/11/2015	ND			6.00	2.04	
Total Xylenes*	<0.150	0.150	12/11/2015	ND	5.38	89.7	0.00	2.01	
Total BTEX	< 0.300	0.300	12/11/2015	ND					
TOLALDILA									

73.6-140 104% Surrogate: 4-Bromofluorobenzene (PIL

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	576	16.0	12/11/2015	ND	400	100	400	3.92	
Chloride	mg.		Analyze	d By: MS					
TPH 8015M	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	<10.0	10.0	12/10/2015	ND	203	101	200	0.611	
GRO C6-C10 DRO >C10-C28	<10.0	10.0	12/10/2015	ND	195	97.4	200	1.22	
	0.2.7	35-147	7						
Surrogate: 1-Chloroociane	92.7	70							
Surrogate: 1-Chlorooctadecane	92.9	28-17	1						

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Celez Di Freene



Hungry Horse Environmental VERNON BLACK P.O. Box 1058 Hobbs NM, 88240 (505) 391-4585 Fax To:

Received:12/08/2015Reported:12/14/2015Project Name:APACHE - NEDU #503WProject Number:NONE GIVENProject Location:EUNICE, NM	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	12/08/2015 Soil Cool & Intact Judy Garcia
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Sample ID: RSP3 1.5' (H503193-10)

Sample ID: RSP3 1.5 (n BTEX 8021B		mg/kg		d By: MS					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	< 0.050	0.050	12/11/2015	ND	1.75	87.7	2.00	2.38	
Benzene*		0.050	12/11/2015	ND	1.75	87.5	2.00	2.03	
Toluene*	< 0.050	0.050	12/11/2015	ND	1.82	91.1	2.00	2,56	
Ethylbenzene*	<0.050		12/11/2015	ND	5.38	89.7	6.00	2.04	
Total Xylenes*	<0.150	0.150		ND	0.00				
Total BTEX	<0.300	0.300	12/11/2015	ND					

73.6-140 106 % Surrogate: 4-Bromofluorobenzene (PIL

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	12/11/2015	ND	400	100	400	3.92	
Chiofide TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
of providental product	<10.0	10.0	12/10/2015	ND	203	101	200	0.611	
GRO C6-C10	<10.0	10.0	12/10/2015	ND	195	97.4	200	1.22	
DRO >C10-C28		% 35-142	7						
Surrogate: 1-Chloroociane	75.4	70 33-14							

Surrogale. 1-Chiorobelane		
Surrogate: 1-Chlorooctadecane	73.2 %	28-171

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Hungry Horse Environmental VERNON BLACK P.O. Box 1058 Hobbs NM, 88240 Fax To: (505) 391-4585

Received: Reported: Project Name: Project Number: Project Location:	12/08/2015 12/14/2015 APACHE - NEDU #503W NONE GIVEN EUNICE, NM	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	12/08/2015 Soil Cool & Intact Judy Garcia
---------------------------------------------------------------------------------	-----------------------------------------------------------------------------	--------------------------------------------------------------------------------	----------------------------------------------------

Sample ID: SSP1 SURFACE (H503193-11)

mg/kg		Analyzed By: MS						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
		12/11/2015	ND	1.75	87.7	2.00	2.38	
				1.75	87.5	2.00	2.03	
<0.050	0.050				01.1	2 00	2.56	
< 0.050	0.050	12/11/2015	ND	1.82				
<0.150	0.150	12/11/2015	ND	5.38	89.7	6.00	2.04	
<0.300	0.300	12/11/2015	ND					
	Result <0.050 <0.050 <0.050 <0.150	Result Reporting Limit <0.050	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

Analyzed Ry MS

73.6-140 106 % Surrogate: 4-Bromofluorobenzene (PIL

sult	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	16.0	12/11/2015	ND	400	100	400	3.92	
mg/	kg	Analyze	d By: MS					
esult	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	10.0	12/10/2015	ND	203	101	200	0.611	
	10.0	12/10/2015	ND	195	97.4	200	1.22	
	20 20 mg/ esult 10.0 10.0	20 16.0 mg/kg esult Reporting Limit 10.0 10.0	icitie icititie icitie iciti	Image: Solid Reporting Limit Filler Image: Solid Reporting Limit 12/11/2015 ND Image: Solid Reporting Limit Analyzed By: MS Image: Solid Reporting Limit Analyzed Method Blank 10.0 10.0 12/10/2015 ND	Reporting Limit Analyzed Headed Limit 400 mg/kg Analyzed By: MS 400 mg/kg Analyzed By: MS 400 10.0 10.0 12/10/2015 ND 203 10.0 10.0 12/10/2015 ND 195	esult Reporting Limit Analyzed Method blank 20 120 16.0 12/11/2015 ND 400 100 mg/kg Analyzed By: MS Method Blank BS % Recovery 10.0 10.0 12/10/2015 ND 203 101 10.0 10.0 12/10/2015 ND 195 97.4	esult Reporting Limit Analyzed Method Blank B3 Method Blank B3 Method Signal 120 16.0 12/11/2015 ND 400 100 400 mg/kg Analyzed By: MS Method Blank BS % Recovery True Value QC 10.0 10.0 12/10/2015 ND 203 101 200 Limit Analyzed	Reporting Limit Analyzed Method Blank B3 Method Blank </td

85.1% 28-171 Surrogate: 1-Chlorooctadecane

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Hungry Horse Environmental VERNON BLACK P.O. Box 1058 Hobbs NM, 88240 Fax To: (505) 391-4585

Received: Reported: Project Name: Project Number: Project Location:	12/08/2015 12/14/2015 APACHE - NEDU #503W NONE GIVEN EUNICE, NM	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	12/08/2015 Soil Cool & Intact Judy Garcia
---------------------------------------------------------------------------------	-----------------------------------------------------------------------------	--------------------------------------------------------------------------------	----------------------------------------------------

Sample ID: SSP1 6" (H503193-12)

Sample ID: SSP1 6" (H5051 BTEX 8021B		mg/kg		Analyzed By: MS					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	<0.050	0.050	12/11/2015	ND	1.75	87.7	2.00	2.38	
Benzene*		0.050	12/11/2015	ND	1.75	87.5	2.00	2.03	
Toluene*	< 0.050	0.050	12/11/2015	ND	1.82	91.1	2.00	2.56	
Ethylbenzene*	<0.050		12/11/2015	ND	5.38	89.7	6.00	2.04	
Total Xylenes*	<0.150	0.150		ND					
Total BTEX	<0.300	0.300	12/11/2015	ND					

73.6-140 106% Surrogate: 4-Bromofluorobenzene (PIL

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	96.0	16.0	12/11/2015	ND	400	100	400	3.92	
Chloride	mg		Analyzed By: MS						
TPH 8015M	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte		10.0	12/10/2015	ND	203	101	200	0.611	
GRO C6-C10	<10.0		12/10/2015	ND	195	97.4	200	1.22	
DRO >C10-C28	<10.0	10.0	12/10/2015						
Surrogate: 1-Chlorooctane	78.5	% 35-147							
Surrogate: L-Chlorooctadecane	81.6	% 28-171							

Surrogate: 1-Chlorooctadecane

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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 SM4500CI-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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Celeg B. Keine

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Vernary Alasta		1
A & Eant		
1. Alas	MM Zip: PATHO Attn: Bruce	
ē # ,	Address:	
	Project Owner: City:	
ame: Avache - NEDCO	# 57034) State: Zip:	
on	Phone #:	>
Sampler Name: Wester Creater	1	
FOR LAB USE ONLY	S IR	SD X
Lab I.D. Sample I.D.	D)RAB OR (C)O CONTAINERS ROUNDWATER OIL IL LUDGE THER : CID/BASE: DE / COOL THER :	<u> </u>
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PLEASE NOTE: Liability and Damages. Cardinal's abability and client's exclusive in analyses. All clients including those three glopence and any other instantiation and an analyses.	PLEASE NOTE: Usbully and Damages. Cardinals lability and clenk's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the annuling paid by the clenk tar the applicable analyses. All clerins including trose for high period and you there cause whatever evail be deemed valued unless made in what grand received by Cardinal within 3 and received by Cardinal within any other cause whatever evail be deemed valued unless made in what grand received by Cardinal within 3 and a set of profix and within a set of profix and within 3 and a set of profix and within 3 and a set of profix and within 3 and a set of profix and and a set of profix and within 3 and a set of profix and within 3 and a set of profix and a set of profix and a set of profix and and a set of profix and a set of	pleade
Relinquished By:	hereworder to Cardinal impactiess of whether such claim is based upon any of the block shaded reasons of methods: hereworder to Cardinal impact the state of the block shaded reasons of methods: hereworder to Cardinal impact the state of the block shaded reasons of the block shade	:: □ Yes □ No Add'I Phone #: □ Yes □ No Add'I Fax #:
Relinquished By: Date:	2:19 Received By: CIUTUR	re bak
Time:		city to crocier accroitier @ hungry-heige (tom
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	U.U. Sample Condition CHECKED BY:	
† Cardinal cannot accept verbal change	Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2828	

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Laboratories

Page 15 of 16

Company Name: HUMMY	HUNDA PORC	P.O. #:	ANALYSIS REQUEST
Address: 3709 S. EW	VICE	Company:	
City:	State: Zip:	Attn:	
Phone #:	Fax #:	Address:	
Project #:	Project Owner:	City:	
Project Name:		State: Zip:	
Project Location:		Phone #:	
Sampler Name:		Fax #:	
OR LAB USE ONLY	P.	MATRIX PRESERV SAMPLING	115
Lab I.D. Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER	SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE	- CL TPH 30 BT&X
12 55 1 541 12 55 1 1541	, face	2/8/21	
PLEASE NOTE: Liability and Damages. Cardonals liability and any other and any other	ry and clients exclusive tenody for any claim arbing wheth ny cher cause whatshere tenody for any claim arbing wheth	PLEASE NOTE: Liability and Dannages. Cardinal's liability and client's exclusive remody for any claim arking whether based in contract or lond, shall be inhead to the annuuri paid by the client for the applicable analyses. All claims including those how the client for the applicable analyses all claims including those how 30 days after completion of the applicable reserved by Cardinal watting 30 days after completion of the applicable reserved by Cardinal watting the defined unities made in wating and nesewed by Cardinal watting 30 days after completion of the applicable	the suppose in the second seco
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Delivered By: (Circle One) Sampler - UPS - Bus - Other:	//// O S	Sample Condition CHECKED BY:	V NI V VIII

Page 16 of 16

Laboratories

-94-1 オートー



January 21, 2016

VERNON BLACK

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: NEDU #503 W

Enclosed are the results of analyses for samples received by the laboratory on 01/20/16 11:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accred certif.html.

Cardinal Laboratories is accreditated 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,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager



Hungry Horse Environmental VERNON BLACK P.O. Box 1058 Hobbs NM, 88240 Fax To: (505) 391-4585

Received: Reported: Project Name: Project Number: Project Location:	01/20/2016 01/21/2016 NEDU #503 W NONE GIVEN LEA COUNTY, NM	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	01/20/2016 Soil ** (See Notes) Amanda Ponce
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Sample ID: RSP 3 3.5' BGS (H600123-01)

Chloride, SM4500Cl-B	mg/		Analyze	d By: AP					
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	Result			ND	400	100	400	3.92	
Chloride	944	16.0	01/20/2016	ND	400	100			

Sample ID: RSP 3 4.5' BGS (H600123-02)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte			01/20/2016	ND	400	100	400	3.92	
Chloride	864	16.0	01/20/2010						

Sample ID: RSP 3 5.5' BGS (H600123-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
and an end of the	608	16.0	01/20/2016	ND	400	100	400	3.92	
Chloride	008	10.0							

Sample ID: RSP 3 6.5' BGS (H600123-04)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte		10.0	01/20/2016	ND	400	100	400	3.92	
Chloride	480	16.0	01/20/2010						

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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Cedera Keene

Celey D. Keene, Lab Director/Quality Manager

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ASD 3 Sample I.D. Sample I.D. SSB 865 ASS 865 ASS 865 ACONTAINERS GROUNDWATER WASTEWATER SOIL SLUDGE	Sign 2 Sign 2 Sign 2 Sign 2 Sign 2 ame: I/E D/L State: Zip: ame: I/E D/L State: Zip: name: Sample I.D. Sample I.D. I/E PRESERV SAMPLING Z Zip: Zip: MATRIX PRESERV SAMPLING Zip: Zip: Zip: MATRIX PRESERV SAMPLING Zip: Zip: Zip: MATRIX PRESERV SAMPLING Zip: Zip: Zip: Zip: MATRIX PRESERV SAMPLING Zip: Zip: Zip: Zip: Zip: Sign 2 Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip	(575) 393-22 Company Name: Hum Project Manager: Very Address: Very City: Hubbs	6 FAX (5/5) 330-2410 (4) Horse (14 N K (5) (4/1) 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 1058 10	ANALYSIS REQUES
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	Yes No	Humon 123		
		analyses. All claims involving methods be liable service. In no event shall Cardinal be liable affiliates of successors a filing out of or relation of the service of the s	Time in a convectient damage. Including without instance.	□ Yes □ No

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

		OPERATOR	Initial Report	X Final Report
Name of Company Apache Corp		Contact Bruce Baker		
Address 2350 W Marland Blvd, Hobbs, N	M 88240	Telephone No. 432 631 6982		
Facility Name NEDU #503W		Facility Type Injection Well		
	Mineral Oumer		API No. 30-025-06	473

Surface Owner State of NM	Mineral Owner	API No. 30-025-06473
	LOCATION OF RE	LEASE

LOCATION OF RELEASED								
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
к	10	218	37E	2080'	FSL	2080	FWL	Lea

Latitude32.49185 Longitude-103.15268

NATURE OF RELEASE

	OF RELEASE						
Type of Release Produced water	Volume of Release 65 bbls	Volume Recovered 60 bbls					
Source of Release Fiberglass Line	Date and Hour of Occurrence	Date and Hour of Discovery					
	21Nov15 Hour-Unknown	21Nov15					
Was Immediate Notice Given?	If YES, To Whom?						
X Yes No Not Required	Kellie Jones-NM OCD						
By Whom? Bruce Baker	Date and Hour 23Nov15						
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse.						
X Yes 🔲 No	N/A						
If a Watercourse was Impacted, Describe Fully.* N/A							
Describe Cause of Problem and Remedial Action Taken.* The 2" nipple corroded on the main trunk line resulting in the loss of fluid. The line was isolated and repaired. A vacuum truck was dispatched to pick up standing fluid.							
Describe Area Affected and Cleanup Action Taken.* The majority of the release contained to the lease road with an area approximately 1,000sf affected in the pasture. Soil samples were obtained at four sample points, three in the pasture and one in the lease road. Lab results indicated to contaminants of concern form the pasture samples, thus no remediation was conducted. The impacted area of the lease road was narrow strip running approximately 70° along the side of the road. Soil analysis indicated a presence of chlorides, however at 3.5' BGS a significant drop in in levels occurred. Due to the drop in chloride levels reaching closure limits, this being a heavily traveled road, and relatively small impacted area, no remediation work was conducted. All data and information is submitted with this form requesting closure.							
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.	OIL CONSERV	VATION DIVISION					
	OIL CONSERV	11110111211101011					
Signature: Bruce Baher		1 . 1211					
Printed Name: Bruce Baker	Approved by Environmental Specialist:						
Title: Environmental Technician	Approval Date: 02/10/2016 Expiration Date: ///						
	Conditions of Approval:						
E-mail Address: larry.baker@apachecorp.com		Attached					
Date: 5Feb16 Phone: 432 631 6982	///						

* Attach Additional Sheets If Necessary