



303 Veterans Airpark Lane Midland, TX 79705

Closure Report

May 21, 2021

Re: Melot #3

Case # NRM2026942243

On 09/14/2020 a release occurred on a 3" flow line due to being punctured by a bullet resulting in the loss of oil and produced water. The release (GPS: 32.59132, -103.12116) is located south of Hobbs, NM in unit letter C section 11 township 20S range 38E. A groundwater survey was conducted utilizing NMOSE wells of record. The nearest well suggest that groundwater beneath the release is 43 feet. A remediation plan was submitted and approved by OCD on 2/19/2021.

The release area was excavated to depths of 3', 4', and 10'. On 04/07/2021 final 5 point bottom and wall composite samples were collected not to exceed 200 square feet and submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. Laboratory results at sample point W1 were above table one standards for chloride. Laboratory results at sample point W6 were above table one standards for TPH. Those two points were further excavated horizontally and final 5 point wall composite samples were collected on 04/14/2021 not exceeding 200 square feet and submitted to a commercial laboratory for analysis of chloride at W1 and TPH at W6. All excavated material was hauled to an OCD approved disposal facility. The excavation was backfilled with clean imported caliche inside the pit area and clean imported top soil for the pasture. The pasture area was reseeded with BLM # 2.

Apache Corporation has remediated to below table one standards for releases less than or equal to 50 feet to groundwater and respectfully request that event # NRM2026942243 be closed.

Enclosed: C-141, Maps, Sample Data, Field Notes, Laboratory Results, and Photos.

Submitted by;

Larry Baker

Environmental Technician SR.

larry.baker@apachecorp.com

Cell# 432-631-6982

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Larry Baker Title: Environmental Tech SR.
Signature: Larry Baker Date: 5/21/2021
email: larry.baker@apachecorp.com Telephone: 432-631-6982

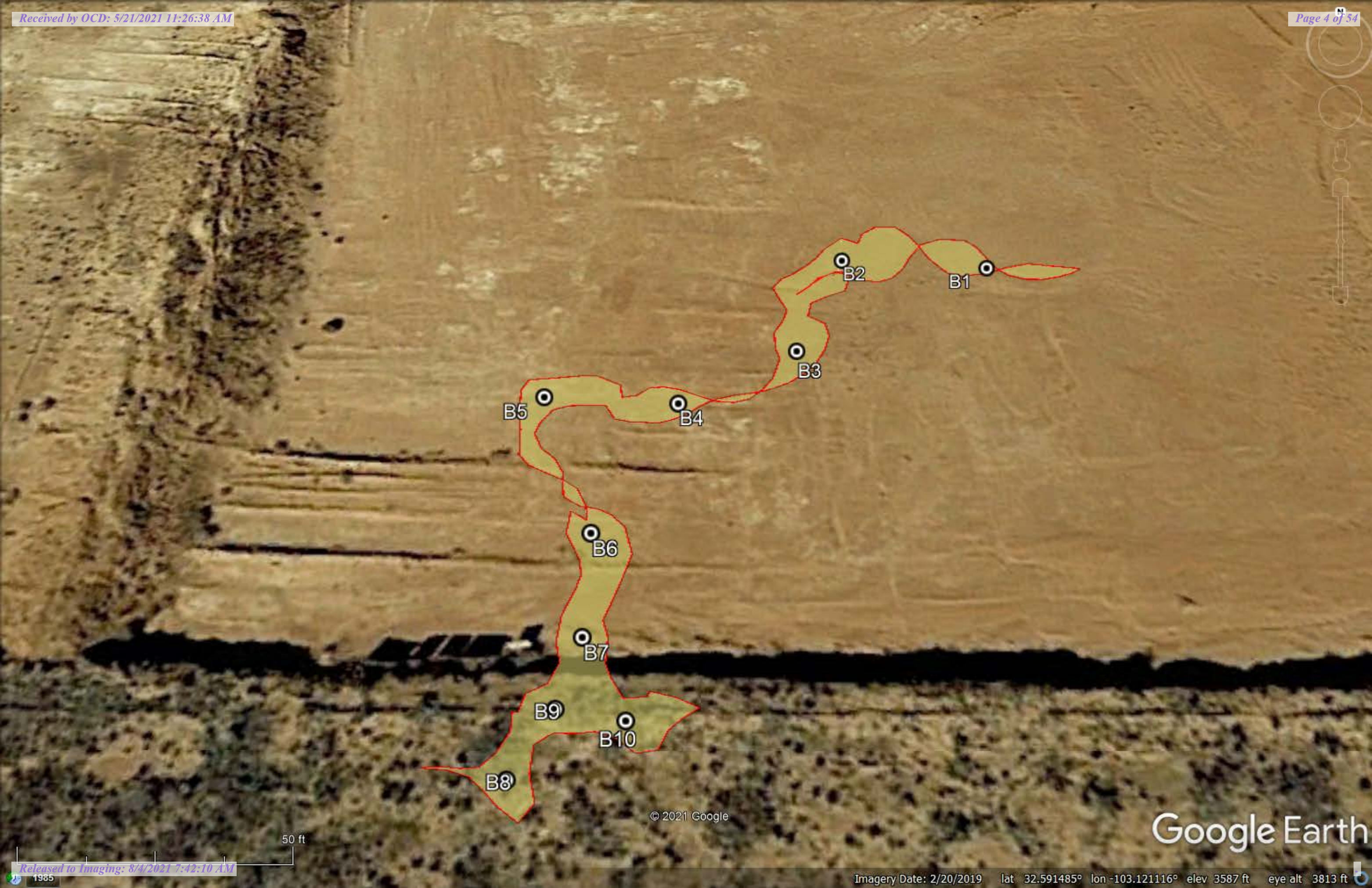
OCD Only

Received by: Chad Hensley Date: 08/04/2021

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.

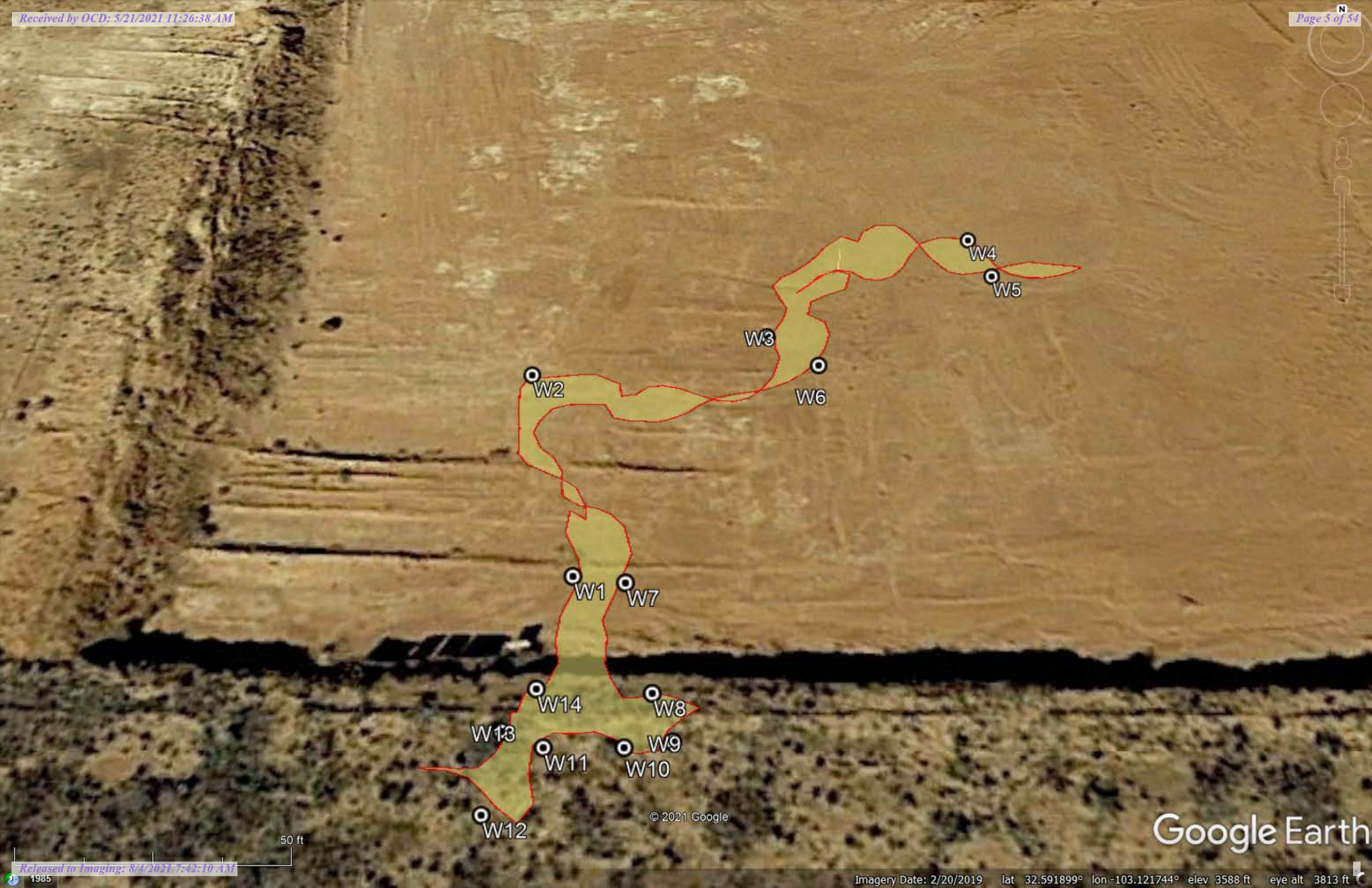
Closure Approved by: Chad Hensley Date: 08/04/2021
Printed Name: Chad Hensley Title: Environmental Specialist Advanced

Sample Date	Sample ID	Depth	Chloride	Benzene	Toulene	Ethybenzene	Total Xylenes	Total BTEX	GRO	DRO	EXT DRO
4/7/2021	B1	3'	48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
4/7/2021	B2	3'	144	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
4/7/2021	B3	3'	48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
4/7/2021	B4	3'	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.7	<10.0
4/7/2021	B5	4'	320	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.9	<10.0
4/7/2021	B6	3'	272	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
4/7/2021	B7	3'	416	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	40.0	<10.0
4/7/2021	B8	4'	304	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
4/7/2021	B9	10'	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
4/7/2021	B10	10'	336	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
4/7/2021	W1	1-3'	608	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	40.8	10.8
4/14/2021	W1	1-3'	80								
4/7/2021	W2	1-4'	288	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
4/7/2021	W3	1-3'	208	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
4/7/2021	W4	1-3'	288	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
4/7/2021	W5	1-3'	128	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.1	<10.0
4/7/2021	W6	1-3'	432	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	98.7	25
4/14/2021	W6	1-3'							<10.0	<10.0	<10.0
4/7/2021	W7	1-3'	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
4/7/2021	W8	1-10'	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
4/7/2021	W9	1-10'	384	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	75.2	20.1
4/7/2021	W10	1-10'	16	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
4/7/2021	W11	1-10'	16	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0
4/7/2021	W12	1-4'	96	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	28.7	15.0
4/7/2021	W13	1-10'	448	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	63.5	14.1
4/7/2021	W14	1-10'	208	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0



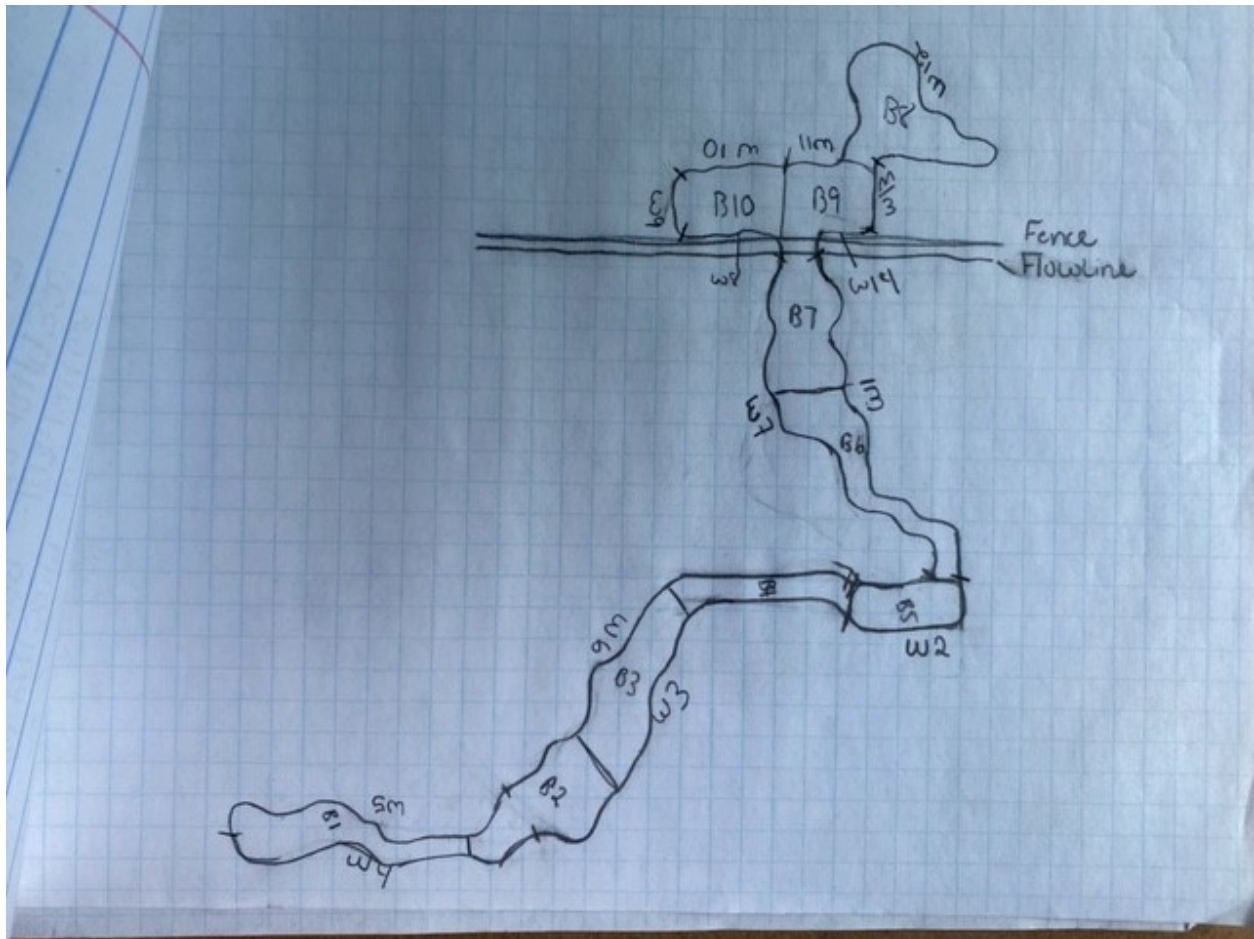
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Apache melot #3 Final Sample GPS			notifying ssadela@cruc	Apache melot #3 4/20/21
B1	32.5916159	-103.1208559		
B2	32.5916275	-103.1209565		
B3	32.5915831	-103.1209913		
B4	32.5915249	-103.1210839		
B5	32.5915199	-103.1211687		
B6	32.5914792	-103.1211932		
B7	32.5914069	-103.1211667		
w1	32.5914467	-103.1211677		
w2	32.5915405	-103.1211761		
w3	32.5915619	-103.1210252		
w4	32.5916718	-103.1208847		
w5	32.5916600	-103.1209018		
w6	32.5915371	-103.1210336		
w7	32.5914509	-103.1211667		
w8	32.5913213	-103.1211422		
w9	32.5913064	-103.1211184		
w10	32.5912704	-103.1212042		
w11	32.5912716	-103.1211818		
w12	32.5912362	-103.1212424		
w13	32.5913063	-103.1212257		
w14	32.5913303	-103.1211919		
B9	32.5912789	-103.1211871		
B10	32.5912735	-103.1212156		
B11	32.5912444	-103.1212341		



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

April 12, 2021

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: MELOT 3

Enclosed are the results of analyses for samples received by the laboratory on 04/07/21 16:24.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: B 1 @ 3' (H210884-01)

BTX 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	04/09/2021	ND	1.98	98.8	2.00	5.63	
Toluene*	<0.050	0.050	04/09/2021	ND	2.06	103	2.00	4.66	
Ethylbenzene*	<0.050	0.050	04/09/2021	ND	2.05	102	2.00	5.16	
Total Xylenes*	<0.150	0.150	04/09/2021	ND	6.36	106	6.00	5.08	
Total BTX	<0.300	0.300	04/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/09/2021	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	04/09/2021	ND	225	113	200	1.37	
DRO >C10-C28*	<10.0	10.0	04/09/2021	ND	244	122	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 88.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.7 % 42.2-156

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:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: B 2 @ 3' (H210884-02)

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	04/09/2021	ND	1.98	98.8	2.00	5.63	
Toluene*	<0.050	0.050	04/09/2021	ND	2.06	103	2.00	4.66	
Ethylbenzene*	<0.050	0.050	04/09/2021	ND	2.05	102	2.00	5.16	
Total Xylenes*	<0.150	0.150	04/09/2021	ND	6.36	106	6.00	5.08	
Total BTEx	<0.300	0.300	04/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/09/2021	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	04/09/2021	ND	225	113	200	1.37	
DRO >C10-C28*	<10.0	10.0	04/09/2021	ND	244	122	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 83.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: B 3 @ 3' (H210884-03)

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	04/09/2021	ND	1.98	98.8	2.00	5.63	
Toluene*	<0.050	0.050	04/09/2021	ND	2.06	103	2.00	4.66	
Ethylbenzene*	<0.050	0.050	04/09/2021	ND	2.05	102	2.00	5.16	
Total Xylenes*	<0.150	0.150	04/09/2021	ND	6.36	106	6.00	5.08	
Total BTEx	<0.300	0.300	04/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/09/2021	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	04/09/2021	ND	225	113	200	1.37	
DRO >C10-C28*	<10.0	10.0	04/09/2021	ND	244	122	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: B 4 @ 3' (H210884-04)

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	04/09/2021	ND	1.98	98.8	2.00	5.63	
Toluene*	<0.050	0.050	04/09/2021	ND	2.06	103	2.00	4.66	
Ethylbenzene*	<0.050	0.050	04/09/2021	ND	2.05	102	2.00	5.16	
Total Xylenes*	<0.150	0.150	04/09/2021	ND	6.36	106	6.00	5.08	
Total BTEx	<0.300	0.300	04/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	04/09/2021	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	04/09/2021	ND	225	113	200	1.37	
DRO >C10-C28*	10.7	10.0	04/09/2021	ND	244	122	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 82.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: B 5 @ 4' (H210884-05)

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	04/09/2021	ND	1.98	98.8	2.00	5.63	
Toluene*	<0.050	0.050	04/09/2021	ND	2.06	103	2.00	4.66	
Ethylbenzene*	<0.050	0.050	04/09/2021	ND	2.05	102	2.00	5.16	
Total Xylenes*	<0.150	0.150	04/09/2021	ND	6.36	106	6.00	5.08	
Total BTEX	<0.300	0.300	04/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	04/09/2021	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	04/09/2021	ND	225	113	200	1.37	
DRO >C10-C28*	25.9	10.0	04/09/2021	ND	244	122	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 88.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: B 6 @ 3' (H210884-06)

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	04/09/2021	ND	1.98	98.8	2.00	5.63	
Toluene*	<0.050	0.050	04/09/2021	ND	2.06	103	2.00	4.66	
Ethylbenzene*	<0.050	0.050	04/09/2021	ND	2.05	102	2.00	5.16	
Total Xylenes*	<0.150	0.150	04/09/2021	ND	6.36	106	6.00	5.08	
Total BTEx	<0.300	0.300	04/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/09/2021	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	04/09/2021	ND	225	113	200	1.37	
DRO >C10-C28*	<10.0	10.0	04/09/2021	ND	244	122	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 85.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: B 7 @ 3' (H210884-07)

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	04/09/2021	ND	1.98	98.8	2.00	5.63	
Toluene*	<0.050	0.050	04/09/2021	ND	2.06	103	2.00	4.66	
Ethylbenzene*	<0.050	0.050	04/09/2021	ND	2.05	102	2.00	5.16	
Total Xylenes*	<0.150	0.150	04/09/2021	ND	6.36	106	6.00	5.08	
Total BTEx	<0.300	0.300	04/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	04/09/2021	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	04/09/2021	ND	225	113	200	1.37	
DRO >C10-C28*	40.0	10.0	04/09/2021	ND	244	122	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: B 9 @ 10' (H210884-08)

BTX 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	04/09/2021	ND	1.98	98.8	2.00	5.63	
Toluene*	<0.050	0.050	04/09/2021	ND	2.06	103	2.00	4.66	
Ethylbenzene*	<0.050	0.050	04/09/2021	ND	2.05	102	2.00	5.16	
Total Xylenes*	<0.150	0.150	04/09/2021	ND	6.36	106	6.00	5.08	
Total BTX	<0.300	0.300	04/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/09/2021	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	04/09/2021	ND	225	113	200	1.37	
DRO >C10-C28*	<10.0	10.0	04/09/2021	ND	244	122	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 81.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: B 10 @ 10' (H210884-09)

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	04/09/2021	ND	1.98	98.8	2.00	5.63	
Toluene*	<0.050	0.050	04/09/2021	ND	2.06	103	2.00	4.66	
Ethylbenzene*	<0.050	0.050	04/09/2021	ND	2.05	102	2.00	5.16	
Total Xylenes*	<0.150	0.150	04/09/2021	ND	6.36	106	6.00	5.08	
Total BTEx	<0.300	0.300	04/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/09/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 83.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: B 8 @ 4' (H210884-10)

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	04/09/2021	ND	1.98	98.8	2.00	5.63	
Toluene*	<0.050	0.050	04/09/2021	ND	2.06	103	2.00	4.66	
Ethylbenzene*	<0.050	0.050	04/09/2021	ND	2.05	102	2.00	5.16	
Total Xylenes*	<0.150	0.150	04/09/2021	ND	6.36	106	6.00	5.08	
Total BTEx	<0.300	0.300	04/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/09/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 81.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W 1 BGS 1-3 (H210884-11)

BTX 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	04/09/2021	ND	1.98	98.8	2.00	5.63	
Toluene*	<0.050	0.050	04/09/2021	ND	2.06	103	2.00	4.66	
Ethylbenzene*	<0.050	0.050	04/09/2021	ND	2.05	102	2.00	5.16	
Total Xylenes*	<0.150	0.150	04/09/2021	ND	6.36	106	6.00	5.08	
Total BTX	<0.300	0.300	04/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	04/09/2021	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	04/09/2021	ND	241	121	200	1.61	
DRO >C10-C28*	40.8	10.0	04/09/2021	ND	243	121	200	3.22	
EXT DRO >C28-C36	10.8	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 87.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W 2 BGS 1-4 (H210884-12)

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	04/09/2021	ND	1.98	98.8	2.00	5.63	
Toluene*	<0.050	0.050	04/09/2021	ND	2.06	103	2.00	4.66	
Ethylbenzene*	<0.050	0.050	04/09/2021	ND	2.05	102	2.00	5.16	
Total Xylenes*	<0.150	0.150	04/09/2021	ND	6.36	106	6.00	5.08	
Total BTEx	<0.300	0.300	04/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.3-129

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	04/09/2021	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	04/09/2021	ND	241	121	200	1.61	
DRO >C10-C28*	<10.0	10.0	04/09/2021	ND	243	121	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 90.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.7 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W 3 BGS 1-3 (H210884-13)

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	04/08/2021	ND	2.09	104	2.00	3.75	QR-03
Toluene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	4.08	QR-03
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.01	100	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	5.95	99.1	6.00	3.95	
Total BTEx	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/09/2021	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	04/09/2021	ND	241	121	200	1.61	
DRO >C10-C28*	<10.0	10.0	04/09/2021	ND	243	121	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 81.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W 4 BGS 1-3 (H210884-14)

BTX 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	04/08/2021	ND	2.09	104	2.00	3.75	
Toluene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	4.08	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.01	100	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	5.95	99.1	6.00	3.95	
Total BTX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	04/09/2021	ND	400	100	400	3.92	QM-07	

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	04/09/2021	ND	241	121	200	1.61	
DRO >C10-C28*	<10.0	10.0	04/09/2021	ND	243	121	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 88.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W 5 BGS 1-3 (H210884-15)

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	04/08/2021	ND	2.09	104	2.00	3.75		
Toluene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	4.08		
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.01	100	2.00	3.93		
Total Xylenes*	<0.150	0.150	04/08/2021	ND	5.95	99.1	6.00	3.95		
Total BTEx	<0.300	0.300	04/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/09/2021	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	04/09/2021	ND	241	121	200	1.61	
DRO >C10-C28*	10.1	10.0	04/09/2021	ND	243	121	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W 6 BGS 1-3 (H210884-16)

BTX 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	04/08/2021	ND	2.09	104	2.00	3.75	
Toluene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	4.08	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.01	100	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	5.95	99.1	6.00	3.95	
Total BTX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	04/09/2021	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	04/09/2021	ND	241	121	200	1.61	
DRO >C10-C28*	98.7	10.0	04/09/2021	ND	243	121	200	3.22	
EXT DRO >C28-C36	24.5	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 82.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W 7 BGS 1-3 (H210884-17)

BTX 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	04/08/2021	ND	2.09	104	2.00	3.75	
Toluene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	4.08	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.01	100	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	5.95	99.1	6.00	3.95	
Total BTX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/09/2021	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	04/09/2021	ND	241	121	200	1.61	
DRO >C10-C28*	<10.0	10.0	04/09/2021	ND	243	121	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W 8 BGS 1-10' (H210884-18)

BTX 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	04/08/2021	ND	2.09	104	2.00	3.75	
Toluene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	4.08	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.01	100	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	5.95	99.1	6.00	3.95	
Total BTX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/09/2021	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	04/09/2021	ND	241	121	200	1.61	
DRO >C10-C28*	<10.0	10.0	04/09/2021	ND	243	121	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W 9 BGS 1-10' (H210884-19)

BTX 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	04/08/2021	ND	2.09	104	2.00	3.75	
Toluene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	4.08	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.01	100	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	5.95	99.1	6.00	3.95	
Total BTX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	04/09/2021	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	04/09/2021	ND	241	121	200	1.61	
DRO >C10-C28*	75.2	10.0	04/09/2021	ND	243	121	200	3.22	
EXT DRO >C28-C36	20.1	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 88.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W 10 BGS 1-10' (H210884-20)

BTX 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	04/08/2021	ND	2.09	104	2.00	3.75	
Toluene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	4.08	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.01	100	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	5.95	99.1	6.00	3.95	
Total BTX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/09/2021	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	04/09/2021	ND	241	121	200	1.61	
DRO >C10-C28*	<10.0	10.0	04/09/2021	ND	243	121	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 78.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W 11 BGS 1-10' (H210884-21)

BTX 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	04/08/2021	ND	2.09	104	2.00	3.75	
Toluene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	4.08	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.01	100	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	5.95	99.1	6.00	3.95	
Total BTX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/09/2021	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	04/09/2021	ND	241	121	200	1.61	
DRO >C10-C28*	<10.0	10.0	04/09/2021	ND	243	121	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 86.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W 12 BGS 1-4' (H210884-22)

BTX 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	04/08/2021	ND	2.09	104	2.00	3.75	
Toluene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	4.08	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.01	100	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	5.95	99.1	6.00	3.95	
Total BTX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/09/2021	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	04/09/2021	ND	241	121	200	1.61	
DRO >C10-C28*	28.7	10.0	04/09/2021	ND	243	121	200	3.22	
EXT DRO >C28-C36	15.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 76.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 59.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W 13 BGS 1-10' (H210884-23)

BTX 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	04/08/2021	ND	2.09	104	2.00	3.75		
Toluene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	4.08		
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.01	100	2.00	3.93		
Total Xylenes*	<0.150	0.150	04/08/2021	ND	5.95	99.1	6.00	3.95		
Total BTX	<0.300	0.300	04/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	04/09/2021	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	04/09/2021	ND	241	121	200	1.61	
DRO >C10-C28*	63.5	10.0	04/09/2021	ND	243	121	200	3.22	
EXT DRO >C28-C36	14.1	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 76.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/07/2021
 Reported: 04/12/2021
 Project Name: MELOT 3
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W 14 BGS 1-10' (H210884-24)

BTX 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	04/08/2021	ND	2.09	104	2.00	3.75	
Toluene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	4.08	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.01	100	2.00	3.93	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	5.95	99.1	6.00	3.95	
Total BTX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/09/2021	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	04/09/2021	ND	241	121	200	1.61	
DRO >C10-C28*	<10.0	10.0	04/09/2021	ND	243	121	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	04/09/2021	ND					

Surrogate: 1-Chlorooctane 78.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

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

Company Name: <u>Heckel</u> Project Manager: <u>Jeff Brown</u> Address: City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u> Phone #: Fax #: Project #: Project Owner: Project Name: Project Location: <u>Mud #3</u> Sample Name: <u>See Cardenal</u> <small>FOR LAB USE ONLY</small>				P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:			
Lab I.D. <u>H210884</u> Sample I.D.				BILL TO			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				ANALYSIS REQUEST			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
REMARKS:				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Relinquished By: <u>[Signature]</u> Date: <u>4/2/21</u> Received By: <u>[Signature]</u> Date: <u>4/7</u>				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name:

Project Manager:

Address:

City: Hobbs

Phone #:

Project #:

Project Name:

Project Location: Mads #3

Sampler Name: Joe L. Sweeney

FOR LAB USE ONLY

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

MATRIX PRESERV

SAMPLING

Lab I.D.

Sample I.D.

(G)RAB OR (C)O.M.P.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

(ICE) / COOL

OTHER :

DATE

TIME

EXT TPH

BTEX

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Relinquished By:

Received By:

Verbal Result:

Yes No

Add'l Phone #:

All Results are emailed. Please provide Email address:

Relinquished By:

Received By:

REMARKS:

Turnaround Time:

Thermometer ID #113

Correction Factor None

Standard

Bacteria (only)

Sample Condition

Observed Temp. °C

Delivered By: (Circle One)

Observed Temp. °C

Sample Condition

CHECKED BY: (Initials)

Thermometer ID #113

Standard

Bacteria (only)

Sample Condition

Observed Temp. °C

Corrected Temp. °C

Sampler - UPS - Bus - Other:

Corrected Temp. °C

Sample Condition

CHECKED BY: (Initials)

Thermometer ID #113

Standard

Bacteria (only)

Sample Condition

Observed Temp. °C

Corrected Temp. °C

FORM-006 R3.1 000704720

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



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name:

Project Manager:

Address:

City:

Phone #:

Project #:

Project Name:

Project Location:

Sampler Name:

FOR LAB USE ONLY

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

MATRIX

PRESERV.

SAMPLING

Lab I.D.

Sample I.D.

H210884

(G)RAB OR (C)COMP

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICEY COOL

OTHER :

DATE

TIME

CI

Ext TPH

BTEX

18 ft

W8 BGS 1-10'

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4/7

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19 ft

W9 BGS 1-10'

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21 ft

W11 BGS 1-10'

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22 ft

W12 BGS 1-10'

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23 ft

W13 BGS 1-10'

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24 ft

W14 BGS 1-10'

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

April 15, 2021

JEFFREY BROOM

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: MELOT #003

Enclosed are the results of analyses for samples received by the laboratory on 04/14/21 16:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" being more prominent.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 04/14/2021
 Reported: 04/15/2021
 Project Name: MELOT #003
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 04/14/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: W 1 BGS 1-3' (H210952-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/15/2021	ND	400	100	400	3.92	

Sample ID: W 6 BGS 1-3' (H210952-02)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2021	ND	190	95.1	200	0.727	
DRO >C10-C28*	<10.0	10.0	04/15/2021	ND	192	96.0	200	5.45	
EXT DRO >C28-C36	<10.0	10.0	04/15/2021	ND					

Surrogate: 1-Chlorooctane 91.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.3 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

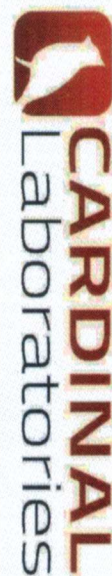
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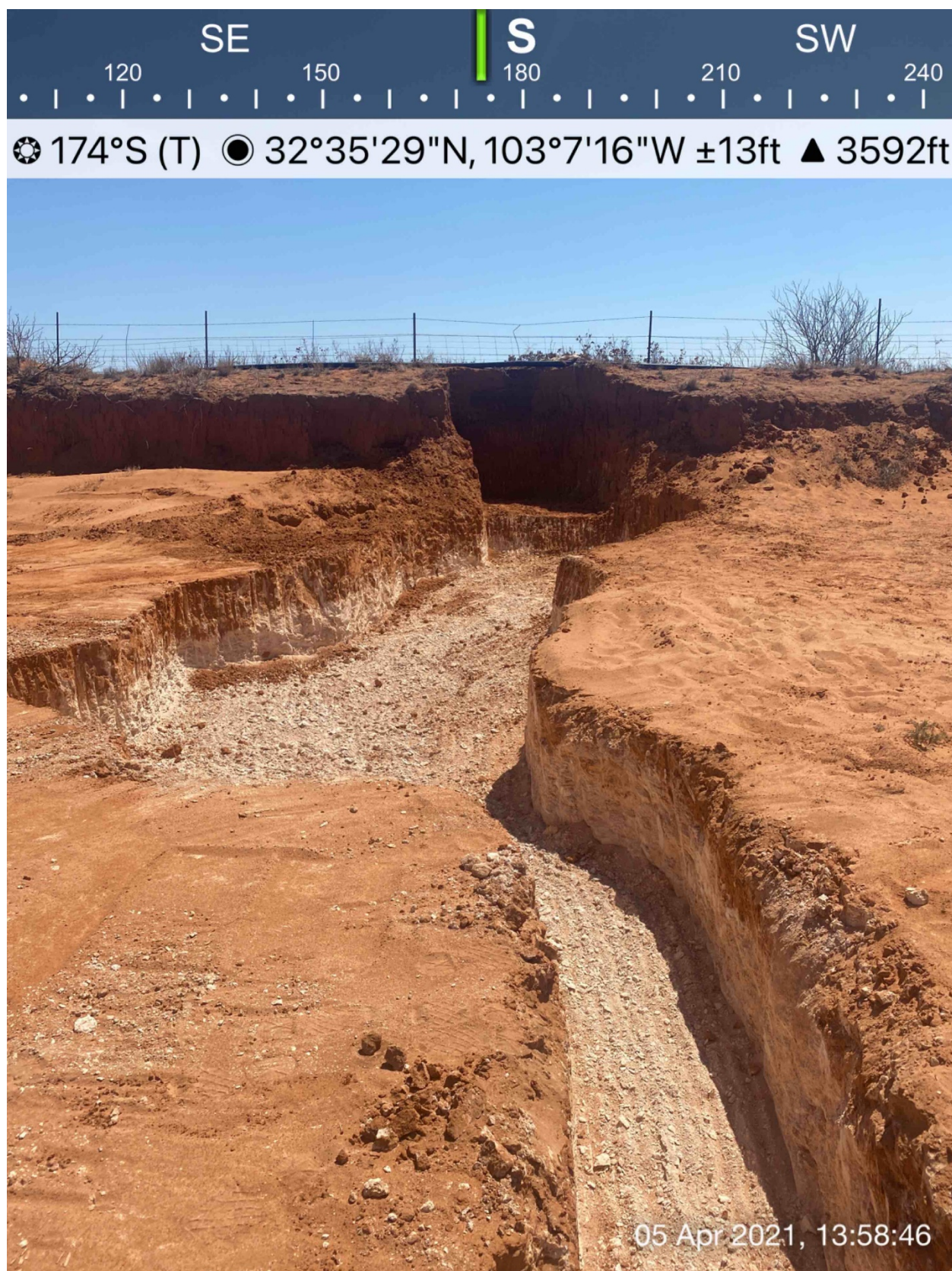
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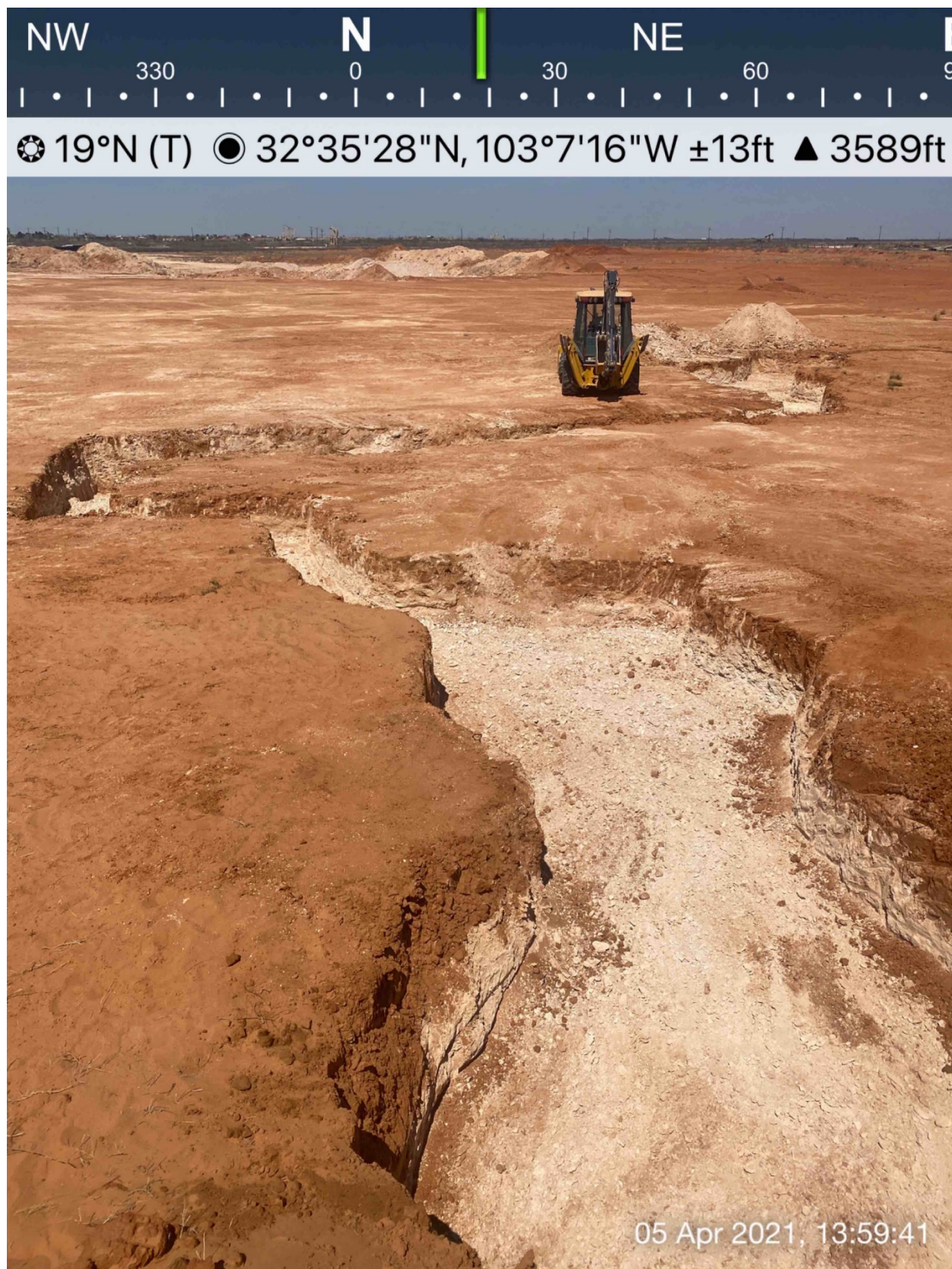
Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

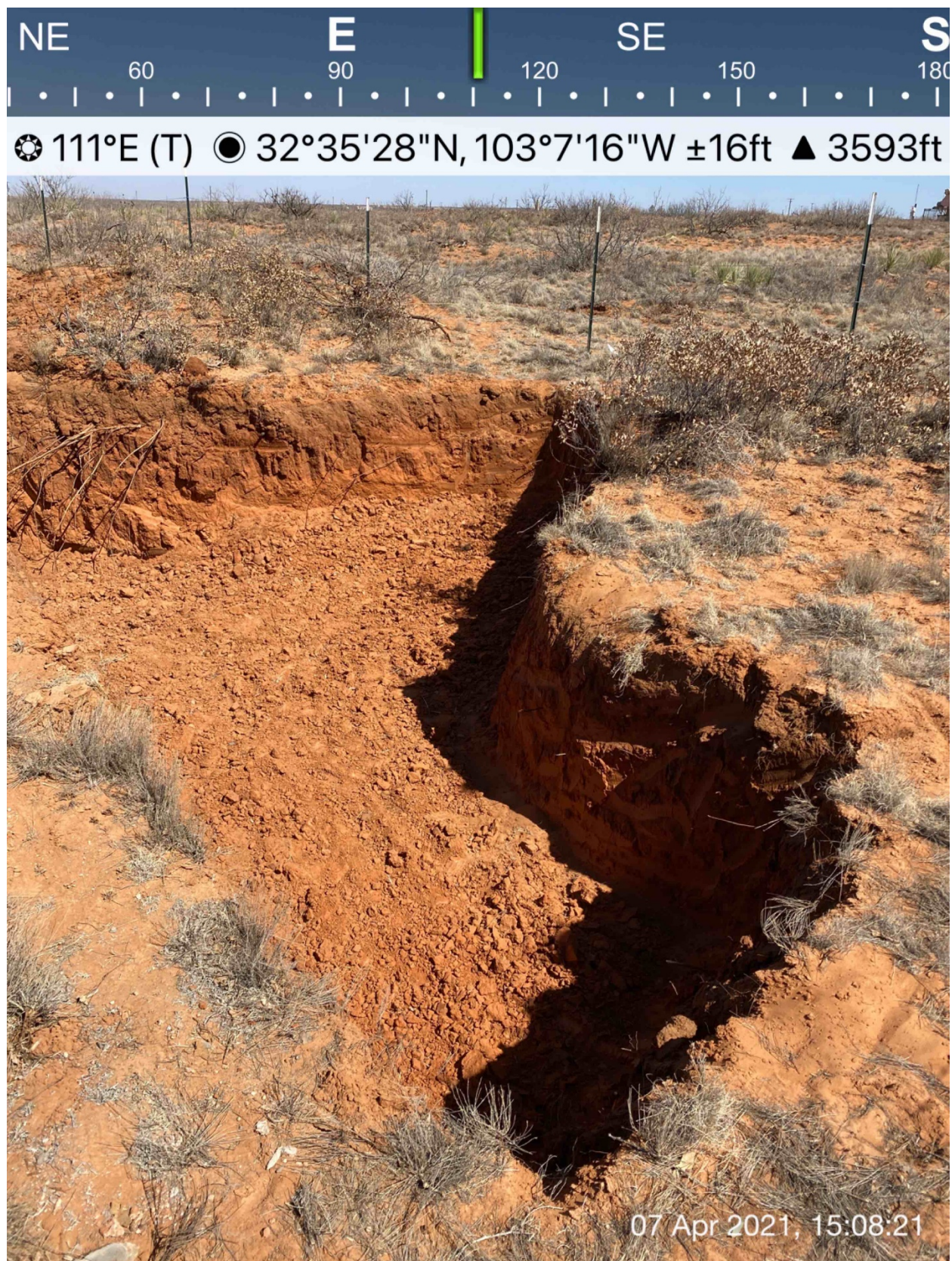
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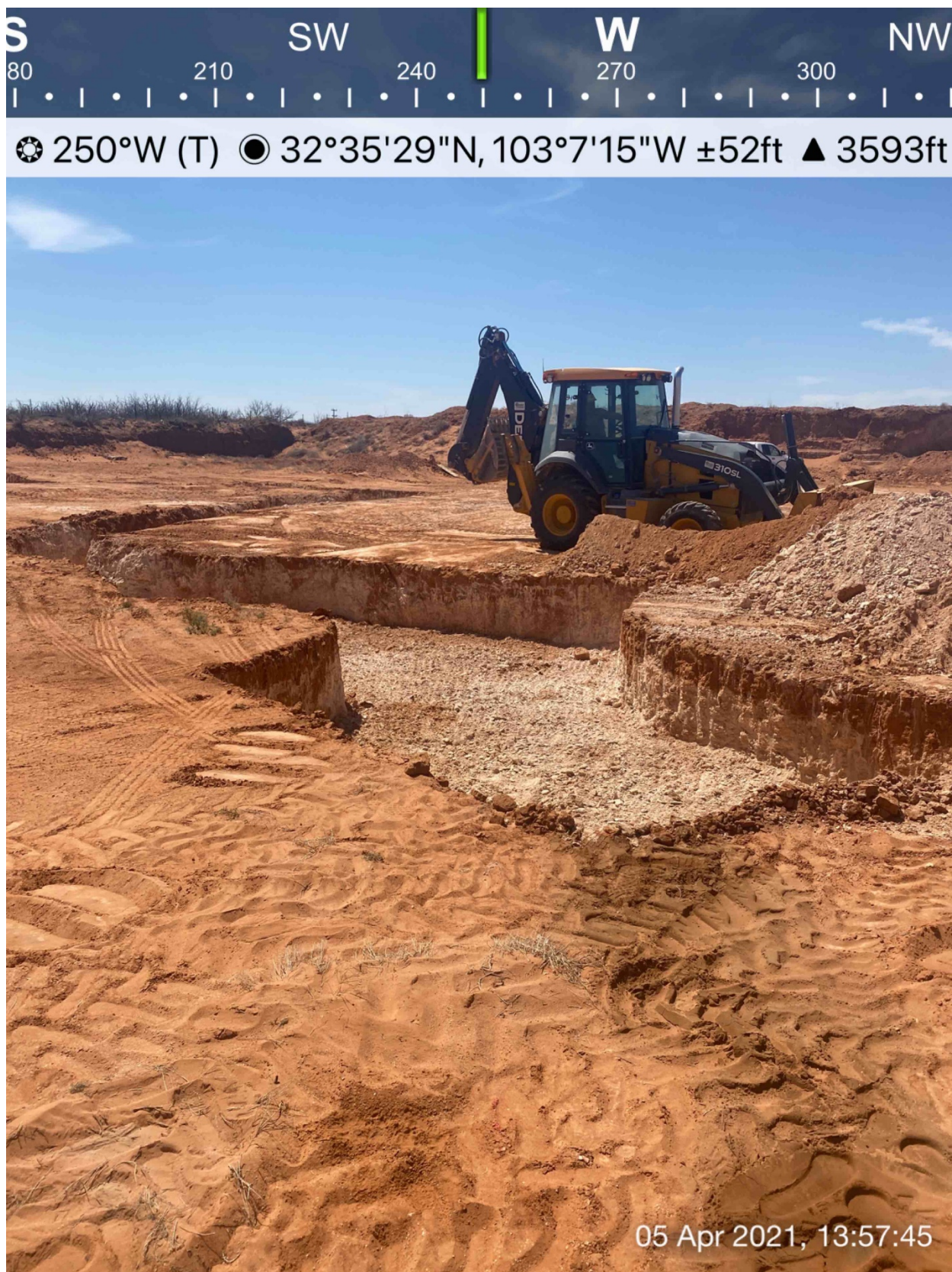






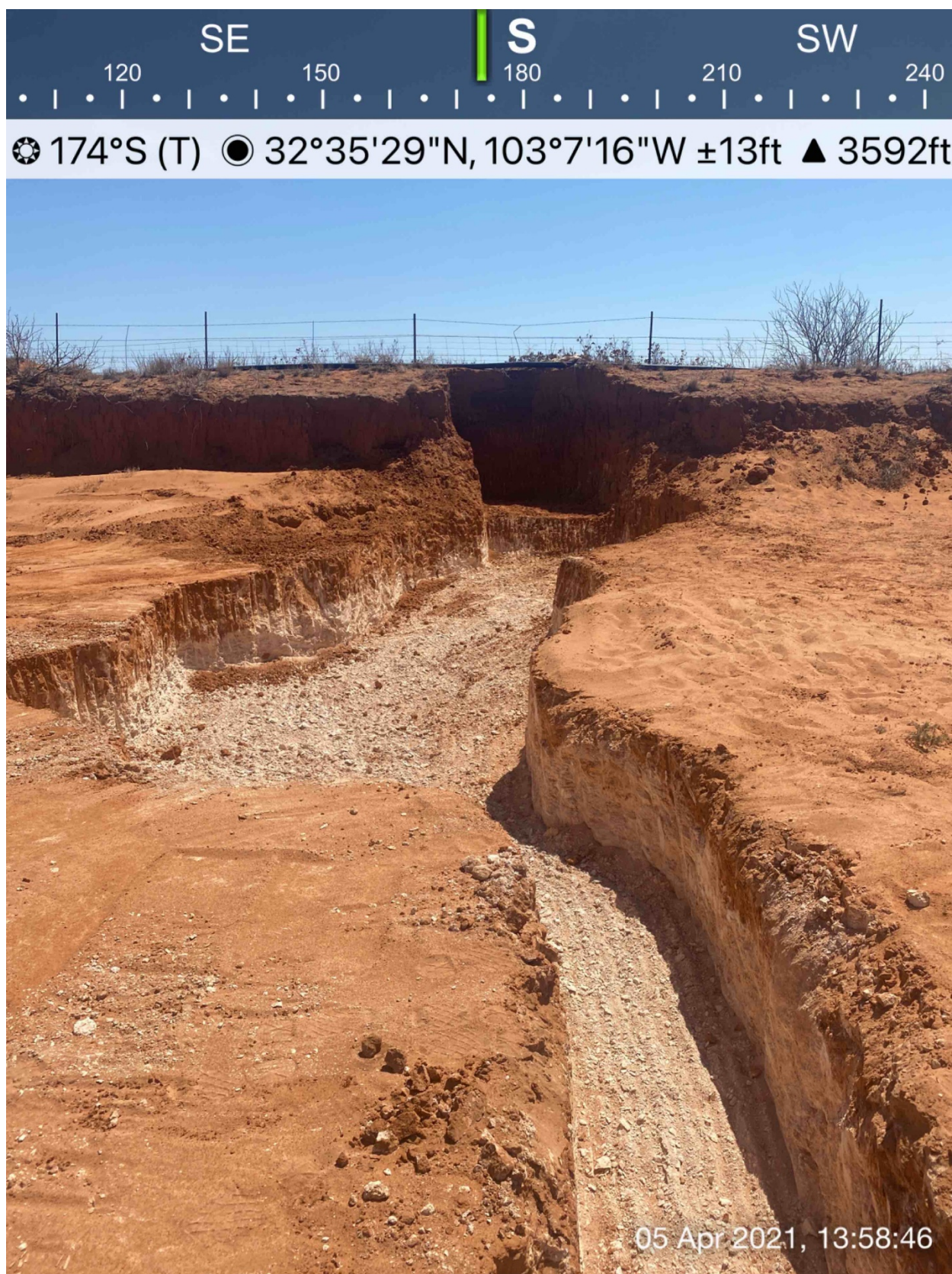




















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District IV

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

CONDITIONS

Action 29105

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 29105
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	8/4/2021