



303 Veterans Airpark Lane Midland, TX 79705

## **Closure Report**

March 10, 2022

Re: EBDU 22  
Case # NRM2017549520

On 6/8/2020 a release was discovered due to a steel connection corroded at the well head resulting in the loss of produced water. The release (GPS 32.48805, -103.12631) is located north of Eunice, New Mexico in unit letter P section 11 township 21S range 37E. A ground water survey was conducted utilizing well data from USGS and NMOSE. The nearest well suggest that ground water below the release is 60 feet. On 8/26/2020 and 8/27/2020 vertical and horizontal delineation was conducted utilizing a backhoe collecting samples in regular intervals. All samples collected were field tested for chlorides and representative samples were taking to a commercial laboratory for analysis of chloride, TPH, and BTEX.

On 7/23/2021 the area around SP1 was excavated to a depth of 6". Once the excavation was complete final five-point bottom and wall samples were taken in accordance with the approved remediation plan. Final five-point bottom and wall samples were taken to a commercial laboratory for analysis of chloride, TPH, and BTEX. Laboratory analysis for all samples confirm levels below table one standards for releases 51-100 feet to ground water. All excavated soil (12 yards) was taken to an approved OCD facility. The excavated area was backfilled with clean imported caliche.

On 11/5/2021 the closure request was denied due to no depth to water determination was in the report. The depth to water determination has been added to the report.

*Apache Corporation has completed remediation to below table one standards and respectfully requests event # NRM2017549520 be closed.*

*Enclosed: C-141, Groundwater Data, Sample Data, Laboratory Results, Photo Page, Map, field notes.*

Submitted by;

*Bruce Baker*

**Environmental Technician**  
larry.baker@apachecorp.com  
**Cell# 432-215-2284**

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: 3/10/2022

email: larry.baker@apachecorp.com

Telephone: 432-215-2284

**OCD Only**

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

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

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

Closure Approved by: Jennifer Nobui

Date: 03/31/2022

Printed Name: Jennifer Nobui

Title: Environmental Specialist A





Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>

To Baker, Larry

Cc Bratcher, Mike, EMNRD; Eads, Cristina, EMNRD

Reply   Reply All   Forward  

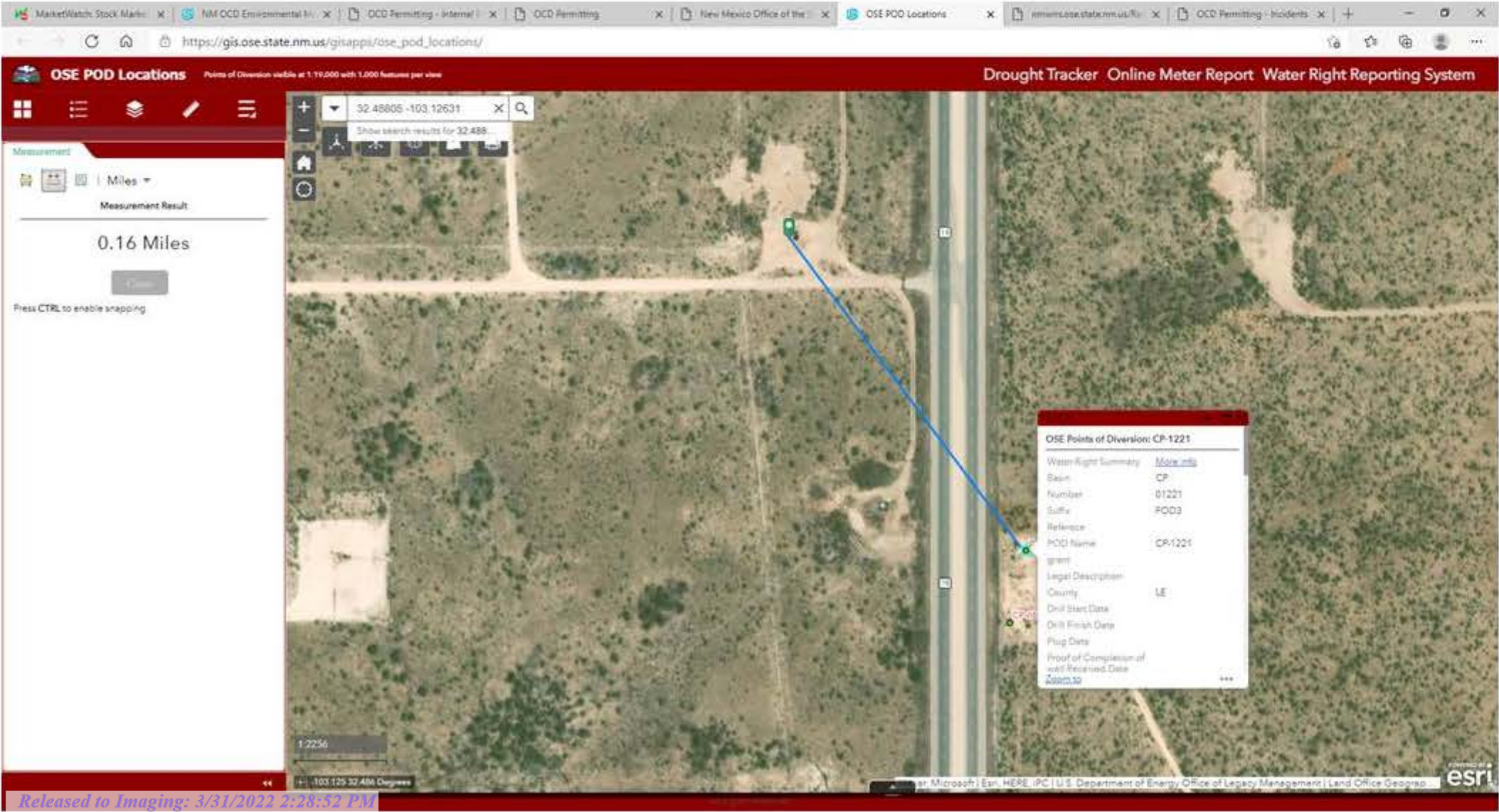
Tue 2/9/2021 2:26 PM

Larry,

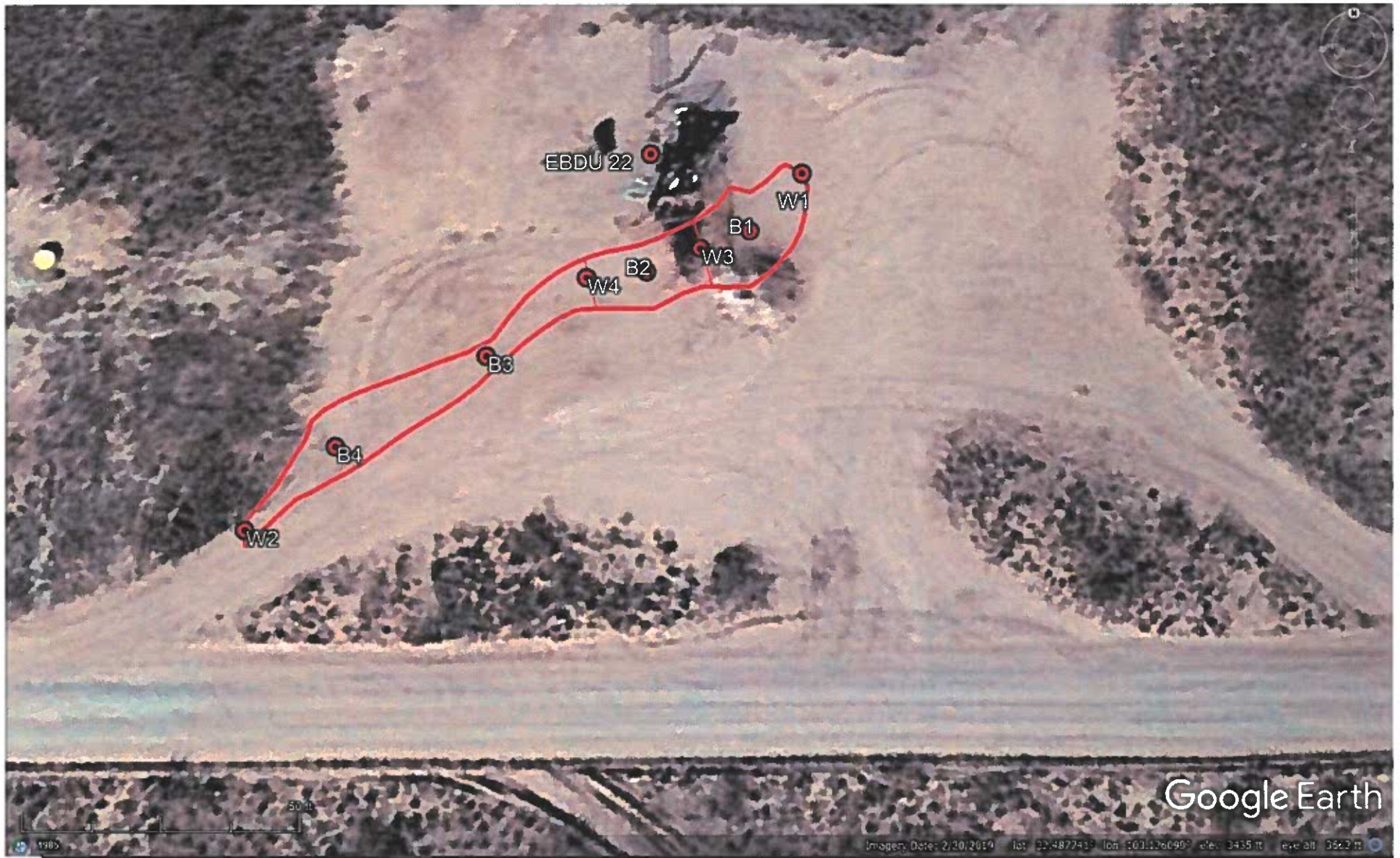
The OSE site includes this particular well ([CP 01221](#)), our NM OCD Environmental Map does not. It looks like we need an update to our Map. We should be able to approve the remediation plan for chlorides under 10,000 mg/kg. I will go back and approve the plan and image it into the incident file.

The ½ mile and 25 year instructions come from a Spill Rule Clarification Document that has been put on the OCD website.

**IX. DETERMINING DEPTH TO GROUNDWATER:** a. The remediation levels provided in Table I are largely dependent upon depth to groundwater. As such, the OCD focuses upon depth to water estimation. 19.15.11(A)(2) NMAC allows for various means of determining depth to groundwater. If nearby wells are used, it is preferable if they are situated within ½-mile of the release, the water level information is no more than 25 years old, and well construction information is provided. If the water level information does not meet these criteria, the OCD may require boring to a limited depth for verification. If the operator has applicable information which does not meet the above preference, we will review it on a case by case basis to determine if it is acceptable.







## Final Samples

Sample Date	Sample ID	Depth	Chloride Lab	Benzene	Toulene	Ethybenzene	Total Xylenes	Total BTEX	GRO	DRO	EXT DRO	GPS Coordinates
7/23/2021	W1	S	128	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.488067 -103.126237
7/23/2021	W2	S	16	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.487871 -103.126581
7/23/2021	W3	6"	2140	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.488024 -103.126303
7/23/2021	W4	6"	784	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.488007 -103.126375
7/23/2021	B1	S	2120	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.488034 -103.126271
7/23/2021	B2 @ 6"	6"	624	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.488011 -103.126337
7/23/2021	B3	S	1180	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.487964 -103.126437
7/23/2021	B4	S	800	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	32.487915 -103.126529



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

July 28, 2021

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: EBDU 22

Enclosed are the results of analyses for samples received by the laboratory on 07/23/21 12:48.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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: 07/23/2021  
 Reported: 07/28/2021  
 Project Name: EBDU 22  
 Project Number: NONE GIVEN  
 Project Location: NONE GIVEN

Sampling Date: 07/23/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: W 1 (H211940-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2021	ND	1.89	94.6	2.00	7.58	
Toluene*	<0.050	0.050	07/26/2021	ND	2.03	101	2.00	7.79	
Ethylbenzene*	<0.050	0.050	07/26/2021	ND	1.94	97.0	2.00	8.49	
Total Xylenes*	<0.150	0.150	07/26/2021	ND	5.83	97.2	6.00	6.64	
Total BTEX	<0.300	0.300	07/26/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/27/2021	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	07/27/2021	ND	201	100	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/27/2021	ND	205	102	200	0.381	
EXT DRO >C28-C36	<10.0	10.0	07/27/2021	ND					

Surrogate: 1-Chlorooctane 73.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 70.8 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

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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: 07/23/2021  
 Reported: 07/28/2021  
 Project Name: EBDU 22  
 Project Number: NONE GIVEN  
 Project Location: NONE GIVEN

 Sampling Date: 07/23/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker
**Sample ID: W 2 (H211940-02)**

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	07/26/2021	ND	1.89	94.6	2.00	7.58	
Toluene*	<0.050	0.050	07/26/2021	ND	2.03	101	2.00	7.79	
Ethylbenzene*	<0.050	0.050	07/26/2021	ND	1.94	97.0	2.00	8.49	
Total Xylenes*	<0.150	0.150	07/26/2021	ND	5.83	97.2	6.00	6.64	
Total BTEx	<0.300	0.300	07/26/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/27/2021	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	07/27/2021	ND	177	88.6	200	1.40	
DRO >C10-C28*	<10.0	10.0	07/27/2021	ND	197	98.6	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	07/27/2021	ND					

Surrogate: 1-Chlorooctane 91.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.5 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 07/23/2021  
 Reported: 07/28/2021  
 Project Name: EBDU 22  
 Project Number: NONE GIVEN  
 Project Location: NONE GIVEN

Sampling Date: 07/23/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: W 3 (H211940-03)**

BTEX 80218		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2021	ND	1.89	94.6	2.00	7.58	
Toluene*	<0.050	0.050	07/26/2021	ND	2.03	101	2.00	7.79	
Ethylbenzene*	<0.050	0.050	07/26/2021	ND	1.94	97.0	2.00	8.49	
Total Xylenes*	<0.150	0.150	07/26/2021	ND	5.83	97.2	6.00	6.64	
Total BTEX	<0.300	0.300	07/26/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2140	16.0	07/27/2021	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	07/27/2021	ND	177	88.6	200	1.40	
DRO >C10-C28*	<10.0	10.0	07/27/2021	ND	197	98.6	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	07/27/2021	ND					

Surrogate: 1-Chlorooctane 92.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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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: 07/23/2021  
 Reported: 07/28/2021  
 Project Name: EBDU 22  
 Project Number: NONE GIVEN  
 Project Location: NONE GIVEN

 Sampling Date: 07/23/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: W 4 (H211940-04)**

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	07/26/2021	ND	1.89	94.6	2.00	7.58	
Toluene*	<0.050	0.050	07/26/2021	ND	2.03	101	2.00	7.79	
Ethylbenzene*	<0.050	0.050	07/26/2021	ND	1.94	97.0	2.00	8.49	
Total Xylenes*	<0.150	0.150	07/26/2021	ND	5.83	97.2	6.00	6.64	
Total BTEX	<0.300	0.300	07/26/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	07/27/2021	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	07/27/2021	ND	177	88.6	200	1.40	
DRO >C10-C28*	<10.0	10.0	07/27/2021	ND	197	98.6	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	07/27/2021	ND					

Surrogate: 1-Chlorooctane 86.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.2 % 38.9-142

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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: 07/23/2021  
 Reported: 07/28/2021  
 Project Name: EBDU 22  
 Project Number: NONE GIVEN  
 Project Location: NONE GIVEN

 Sampling Date: 07/23/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker
**Sample ID: B 1 @ SURFACE (H211940-05)**

BTEx 80218		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/26/2021	ND	1.89	94.6	2.00	7.58		
Toluene*	<0.050	0.050	07/26/2021	ND	2.03	101	2.00	7.79		
Ethylbenzene*	<0.050	0.050	07/26/2021	ND	1.94	97.0	2.00	8.49		
Total Xylenes*	<0.150	0.150	07/26/2021	ND	5.83	97.2	6.00	6.64		
Total BTEx	<0.300	0.300	07/26/2021	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 97.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	07/27/2021	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	07/27/2021	ND	177	88.6	200	1.40		
DRO >C10-C28*	<10.0	10.0	07/27/2021	ND	197	98.6	200	0.391		
EXT DRO >C28-C36	<10.0	10.0	07/27/2021	ND						

Surrogate: 1-Chlorooctane 77.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.7 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 07/23/2021  
 Reported: 07/28/2021  
 Project Name: EBDU 22  
 Project Number: NONE GIVEN  
 Project Location: NONE GIVEN

Sampling Date: 07/23/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 2 @ 6" (H211940-06)**

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	07/26/2021	ND	1.89	94.6	2.00	7.58	
Toluene*	<0.050	0.050	07/26/2021	ND	2.03	101	2.00	7.79	
Ethylbenzene*	<0.050	0.050	07/26/2021	ND	1.94	97.0	2.00	8.49	
Total Xylenes*	<0.150	0.150	07/26/2021	ND	5.83	97.2	6.00	6.64	
Total BTX	<0.300	0.300	07/26/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	07/27/2021	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	07/27/2021	ND	177	88.6	200	1.40	
DRO >C10-C28*	<10.0	10.0	07/27/2021	ND	197	98.6	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	07/27/2021	ND					

Surrogate: 1-Chlorooctane 87.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 100 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**CARDINAL**  
Laboratories

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: 07/23/2021  
 Reported: 07/28/2021  
 Project Name: EBDU 22  
 Project Number: NONE GIVEN  
 Project Location: NONE GIVEN

Sampling Date: 07/23/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: B 3 @ SURFACE (H211940-07)**

BTEX 80218		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2021	ND	1.89	94.6	2.00	7.58	
Toluene*	<0.050	0.050	07/26/2021	ND	2.03	101	2.00	7.79	
Ethylbenzene*	<0.050	0.050	07/26/2021	ND	1.94	97.0	2.00	8.49	
Total Xylenes*	<0.150	0.150	07/26/2021	ND	5.83	97.2	6.00	6.64	
Total BTEX	<0.300	0.300	07/26/2021	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 99.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	07/27/2021	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	07/27/2021	ND	177	88.6	200	1.40	
DRO >C10-C28*	<10.0	10.0	07/27/2021	ND	197	98.6	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	07/27/2021	ND					

Surrogate: 1-Chlorooctane 94.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager


**CARDINAL**  
Laboratories

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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: 07/23/2021  
 Reported: 07/28/2021  
 Project Name: EBDU 22  
 Project Number: NONE GIVEN  
 Project Location: NONE GIVEN

 Sampling Date: 07/23/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker
**Sample ID: B 4 @ SURFACE (H211940-08)**

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	07/27/2021	ND	1.89	94.6	2.00	7.58	
Toluene*	<0.050	0.050	07/27/2021	ND	2.03	101	2.00	7.79	
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.94	97.0	2.00	8.49	
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.83	97.2	6.00	6.64	
Total BTX	<0.300	0.300	07/27/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	07/27/2021	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	07/27/2021	ND	177	88.6	200	1.40	
DRO >C10-C28*	<10.0	10.0	07/27/2021	ND	197	98.6	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	07/27/2021	ND					

Surrogate: 1-Chlorooctane 92.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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Notes and Definitions

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

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# 7/03/21 EBDU 22 FINAL SAMPLES GPS Coordinates - NRM 2017549520

W1 - 32.488067, -103.126237

W2 - 32.487871, -103.126581

W3 - 32.488024, -103.126303

W4 - 32.488007, -103.126375

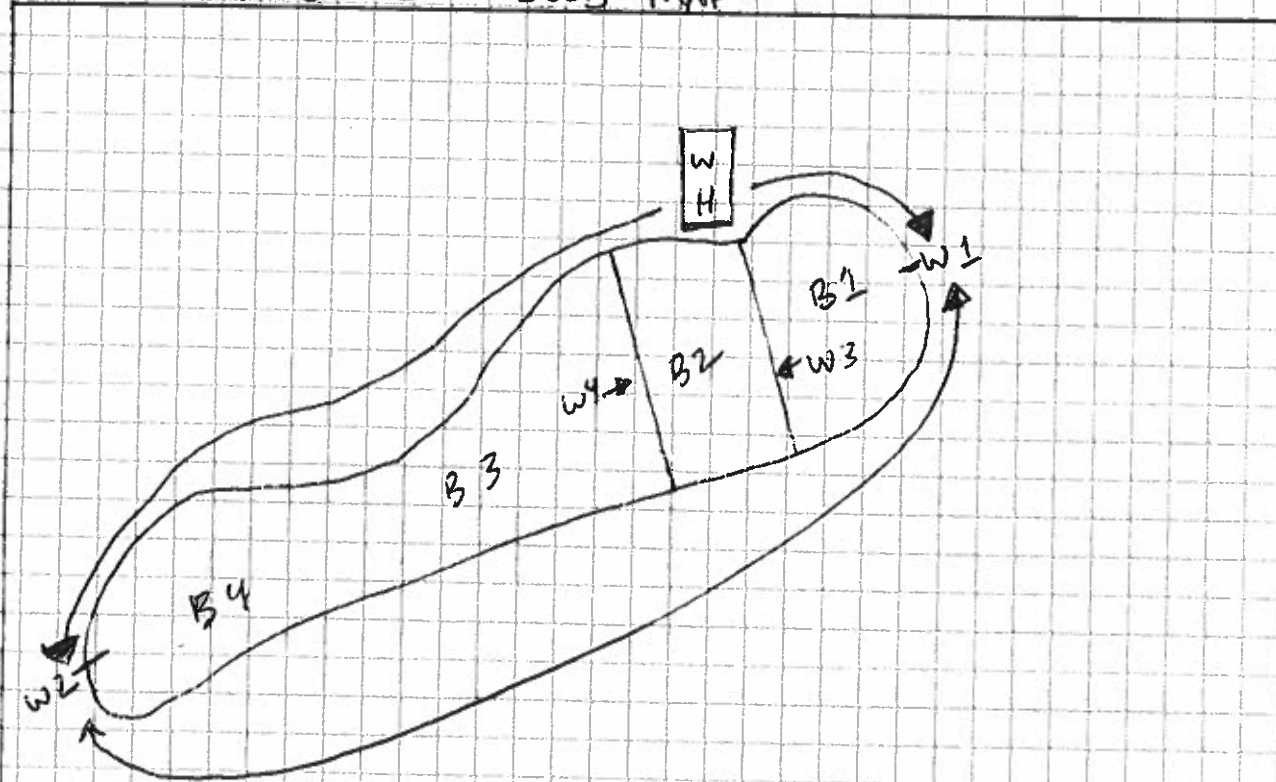
B1 - 32.488034, -103.126271

B2  $\odot$  - 32.488011, -103.126337

B3 - 32.487964, -103.126437

B4 - 32.487915, -103.126529

## - EBDU 22 FIELD MAP -



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 89160

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 89160
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	3/31/2022