ENVIRONMENTAL PLUS, INC.
CONSULTING AND ENVIRONMENTAL REMEDIATION

9 March 2016

Mr. Jamie Keyes
Environmental Specialist
NMOCD
1625 North French Drive
Hobbs, New Mexico 88240

Stipulation:
The stockpile may not be used as a berm. It should either be hauled off to NMOCD approved facility, or as per NMOCD Guidelines for Remediation it can be placed in a lined and bermed area where it can be land farmed. Discrete sampling for every 20 cubic yards of soil at 3 months. If still above RRAL's then another 3 months may be granted. If after a total of 6 months the stockpiled soil does not meet RRAL's then it must be hauled to an NMOCD approved facility. If land farmed RP will remain open until stockpile meets RRAL's.

RE: Remediation Progress Report and Closure Proposal
Apache Corp. – Stevens B #18
UL-I, Section 7, Township 23 South, Range 37 East
Lea County, New Mexico

Mr. Keyes:

The following *Remediation Progress Report and Closure Proposal* serves as a condensed update on remedial activities undertaken and closure proposal for the above referenced Site.

Remediation Progress:
On February 17, 2016 EPI personnel mobilized on site excavate the release area and collect soil samples. Release area was excavated approximately six (6) inches bgs with excavated soil stockpiled on location on plastic. At the conclusion of excavation activities a total of six (6) soil samples were collected from three (3) sample locations; SP1 – SP3. One (1) sample was also collected from the stockpile of excavated soil. Five (5) representative samples were sent, along with the stockpile sample, to Cardinal Labs for testing. Laboratory analytical results indicate the excavation is void of Benzene, BTEX, TPH and Chloride concentrations in excess of NMOCD Recommended Remedial Action Levels (RRALs) of 10 mg/Kg, 50 mg/Kg, 1,000 mg/Kg and 500 mg/Kg, respectively. Laboratory analytical results indicate the excavated soil stockpile still contains TPH concentration above NMOCD RRALs (reference *Figure 3* and *Table 2*).

Closure Proposal:
Based on laboratory analytical data indicating the excavation is void of contaminant concentrations in excess of NMOCD RRALs, EPI proposes to backfill the excavation with clean soil. As the soil in the stockpile still contains contaminant concentrations above NMOCD RRALs, EPI proposes to spread this soil out as a berm along the southern edge of the location, protecting the area off the pad from any future releases while allowing the contaminants present in the soil to volatilize. This soil will be sampled again in six (6) months to monitor contaminant concentrations; soil will be left in place as berm.

Backfilling will continue until the entire excavation is closed. Upon completion of backfill activities, the entire disturbed area will be contoured to blend with existing pad area and protected against wind/water erosion.

Following completion of closure activities, EPI will provide a detailed *Final Closure Report* to Apache Corp. and NMOCD personnel.

P.O. BOX 1558 ••• 2100 AVENUE O ••• EUNICE, NEW MEXICO 88231
TELEPHONE 575•394•3481 FAX 575•394•2601

ENVIRONMENTAL PLUS, INC.

Apache Corp. and EPI personnel would welcome an opportunity to briefly discuss the *Closure Proposal* at your earliest convenience. However, should you have any questions or concerns please feel free to contact me at (575) 394-3481 or via e-mail at ddominguezepi@gmail.com or Mr. Bruce Baker at (432) 631-6982 or via e-mail at larry.baker@apachecorp.com. All official communication should be addressed to:

Mr. Bruce Baker
Apache Corp.
2350 W Marland Blvd
Hobbs, New Mexico 88240

Sincerely,

ENVIRONMENTAL PLUS, INC.

Daniel Dominguez
Environmental Consultant

cc: Bruce Baker, Environmental Technician – Apache Corp.
File

Encl.: Figure 1 – Area Map
Figure 2 – Site Location Map
Figure 3 – Site/Sample Map
Table 1 – Well Data
Table 2 – Summary of Test Trench and Soil Sample Laboratory Analytical Results
Attachment I – Photographs
Attachment II – Laboratory Analytical Results
Attachment III – Copy of Initial NMOCD Form C-141

FIGURES

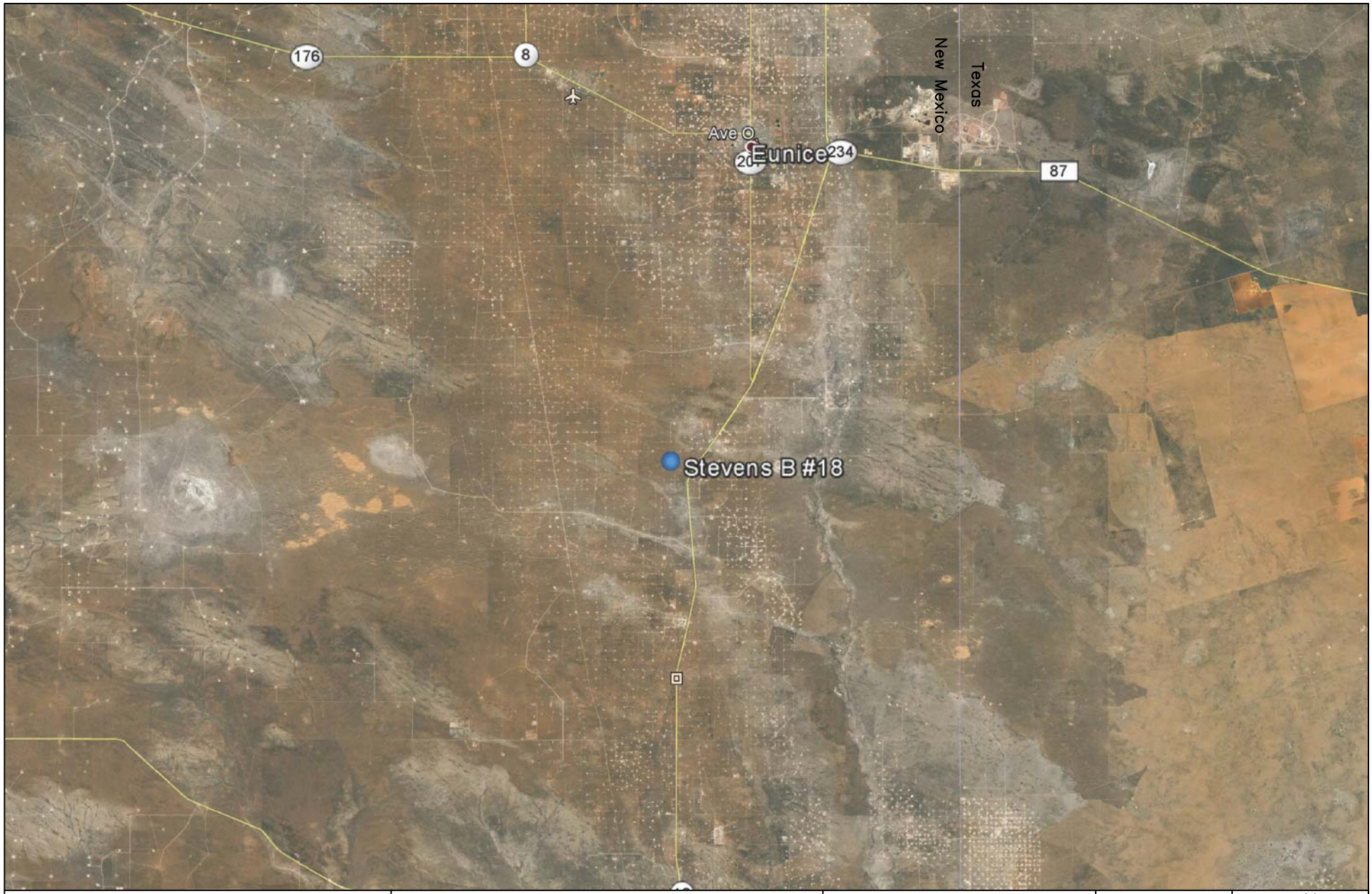

Figure 1 Area Map Apache Corp. Stevens B #18	Lea County, New Mexico NE 1/4 of SE 1/4, Sec. 7, T23S, R37E N 32° 19' 1.17" W 103° 11' 43.79" Elevation: 3,349 feet amsl	DWG By: D Dominguez March 2016	REVISED:	N
		0 3 6 Miles	SHEET 1 of 1	

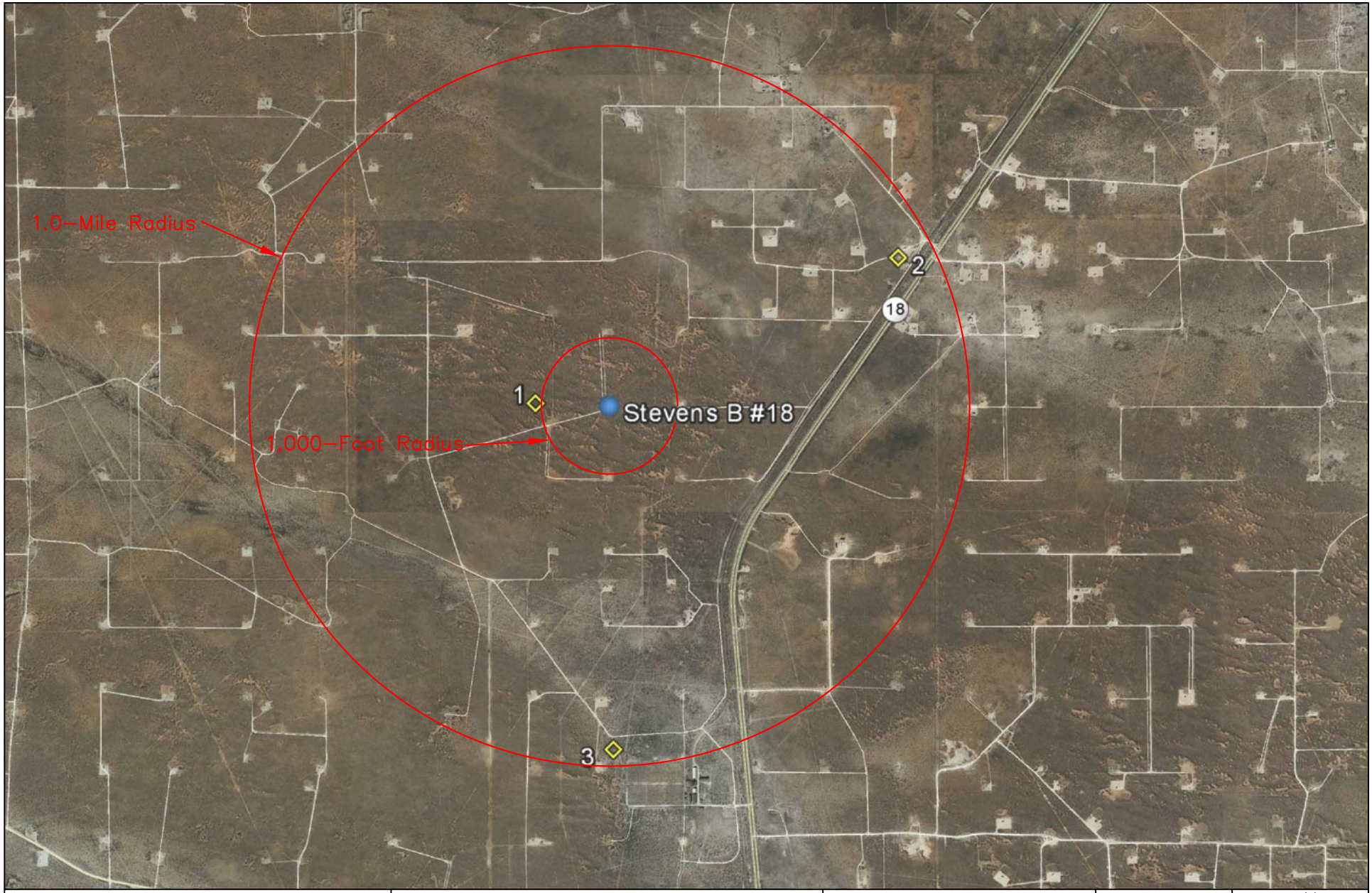

Figure 2 Site Location Map Apache Corp. Stevens B #18	Lea County, New Mexico NE 1/4 of SE 1/4, Sec. 7, T23S, R37E N 32° 19' 1.17" W 103° 11' 43.79" Elevation: 3,349 feet amsl	DWG By: D Dominguez March 2016 REVISED: 0 2,000 4,000 Feet SHEET 1 of 1	N

Figure 3
Site/Sample Map
Apache Corp.
Stevens B #18

Lea County, New Mexico
NE 1/4 of SE 1/4, Sec. 7, T23S, R37E
N 32° 19' 1.17" W 103° 11' 43.79"
Elevation: 3,349 feet amsl

DWG By: D Dominguez
March 2016

REVISED:

0 30 60
Feet

SHEET
1 of 1

N

TABLES

TABLE 1

Well Data

Apache Corp. - Stevens B #18

Ref #	Well Number	Use	Diversion[A]	Owner	q64	q16	q4	Sec	Twsp	Rng	Easting	Northing	Date Measured	Surface Elevation[B]	Depth to Water (ft bgs)
1	CP 00408	STK	3	GEORGE WEIR		1	4	7	23S	37E	669457	3577008	--	3,360	--
2	CP 00373	PDL	3	MRS. GEORGE WEIR		2	2	8	23S	37E	671449	3577847	--	3,327	--
3	CP 01557	MON	0	PINNACLE SANDS, LLC.	2	4	4	18	23S	37E	669920	3575108	--	3,327	--

* = Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet1)

[A] = In acre feet per annum [B] = Elevation interpolated from USGS topographical map based on referenced location.

STK = 72-12-1 Livestock watering

PDL = Non 72-12-1 Domestic and Livestock

MON = Monitoring Well

quarters are 1=NW, 2=NE, 3=SW, 4=SE; quarters are smallest to biggest

-- = Data not provided on the NM iwaters website

TABLE 2
Summary of Soil Sample Field Testing and Laboratory Analytical Results
Apache Corp.
Stevens B #18

Lab Sample ID	Depth (feet)	Soil Status	Sample Date	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
SB 18 SP1	Surface	Excavated	04-Feb-16	--	--	0.844	30.6	36.0	94.3	**162**	4,230	17,900	**22,130**	--
SB 18 SP2	Surface	Excavated	04-Feb-16	--	--	2.01	53.2	57.9	140	**253**	6,720	27,600	**34,320**	--
SP1	0.5	In-Situ	17-Feb-16	11.0	120	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
SP2	0.5	In-Situ	17-Feb-16	8.3	320	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	240
	2	In-Situ	17-Feb-16	4.9	240	--	--	--	--	--	--	--	--	128
SP3	0.5	In-Situ	17-Feb-16	25.2	320	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	240
	1	In-Situ	17-Feb-16	11.2	200	--	--	--	--	--	--	--	--	160
Stockpile		In-Situ	17-Feb-16	480.0	200	<0.050	1.71	4.00	12.4	18	393	3,480	**3,873**	240
NMOCD Recommended Remedial Action Levels				100		10				50			1,000	500

- - = Not Analyzed
Bold *values are in excess of NMOCD Recommended Remedial Action Levels*
Shaded values indicates soil has been excavated

ATTACHMENTS

ATTACHMENT I
Photographs

Photograph #1 – Lease sign


Photograph #2 – Release area

Photograph #3 – Release area

Photograph #4 – Excavated area

Photograph #5 – Excavated area and stockpile

Photograph #6 – Excavated area

ATTACHMENT II
Laboratory Analytical Results

CARDINAL Laboratories

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

February 11, 2016

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: STEVENS B

Enclosed are the results of analyses for samples received by the laboratory on 02/05/16 9:18.

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,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received:	02/05/2016	Sampling Date:	02/04/2016
Reported:	02/11/2016	Sampling Type:	Soil
Project Name:	STEVENS B	Sampling Condition:	Cool & Intact
Project Number:	APACHE	Sample Received By:	Celey D. Keene
Project Location:	STEVENS B 18		

Sample ID: SB 18 SP1 (H600263-01)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**0.844**	0.500	02/09/2016	ND	2.04	102	2.00	1.81	
Toluene*	**30.6**	0.500	02/09/2016	ND	2.01	100	2.00	1.44	
Ethylbenzene*	**36.0**	0.500	02/09/2016	ND	1.83	91.7	2.00	1.77	
Total Xylenes*	**94.3**	1.50	02/09/2016	ND	5.54	92.4	6.00	1.81	
Total BTEX	**162**	3.00	02/09/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID *128 %* *73.6-140*

TPH 8015M mg/kg **Analyzed By: MS** **S-06**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**4230**	100	02/09/2016	ND	209	105	200	2.90	
DRO >C10-C28	**17900**	100	02/09/2016	ND	203	101	200	2.31	

Surrogate: 1-Chlorooctane *216 %* *35-147*

Surrogate: 1-Chlorooctadecane *389 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received:	02/05/2016	Sampling Date:	02/04/2016
Reported:	02/11/2016	Sampling Type:	Soil
Project Name:	STEVENS B	Sampling Condition:	Cool & Intact
Project Number:	APACHE	Sample Received By:	Celey D. Keene
Project Location:	STEVENS B 18		

Sample ID: SB 18 SP2 (H600263-02)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**2.01**	0.500	02/09/2016	ND	2.04	102	2.00	1.81	
Toluene*	**53.2**	0.500	02/09/2016	ND	2.01	100	2.00	1.44	
Ethylbenzene*	**57.9**	0.500	02/09/2016	ND	1.83	91.7	2.00	1.77	
Total Xylenes*	**140**	1.50	02/09/2016	ND	5.54	92.4	6.00	1.81	
Total BTEX	**253**	3.00	02/09/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID *132 %* *73.6-140*

TPH 8015M mg/kg Analyzed By: MS **S-06**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**6720**	200	02/09/2016	ND	209	105	200	2.90	
DRO >C10-C28	**27600**	200	02/09/2016	ND	203	101	200	2.31	

Surrogate: 1-Chlorooctane *275 %* *35-147*

Surrogate: 1-Chlorooctadecane *588 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(505) 394-3481 FAX: (505) 394-2601

Chain of Custody Form

LAB: Cardinal

Company Name	Environmental Plus, Inc.
EPI Project Manager	Daniel Domineqez
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Apache
Facility Name	Stevens B
Location	Stevens B 18
Project Reference	
EPI Sampler Name	Roger Boone

Bill To

P.O.Box 1558 Eunice N.M. 88231

ANALYSIS REQUEST

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH			
H600263-																									
1	SB18 SP1	x	1			x					x		04-Feb-16	14:05	x	x									
2	SB 18 SP2	x	1			x					x		04-Feb-16	14:10	x	x									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									

Sampler Relinquished: Roger Boone	Date 2-5-16 Time 8:30	Received By: Brandon Boone	E-mail results to:
Relinquished by: Brandon Boone	Date 2-5-16 Time 9:18	Received By: (lab staff)	REMARKS: ddominquez@envplus.net
Delivered by: 0.8°C	Sample Cool & Intact Yes / No	Checked By:	

CARDINAL Laboratories

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

February 23, 2016

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: STEVENS B #18

Enclosed are the results of analyses for samples received by the laboratory on 02/18/16 15:27.

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,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received:	02/18/2016	Sampling Date:	02/17/2016
Reported:	02/23/2016	Sampling Type:	Soil
Project Name:	STEVENS B #18	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-I SEC. 7, T23S, R37E		

Sample ID: SP 1 (6'') (H600380-01)

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	02/22/2016	ND	2.15	107	2.00	4.95	
Toluene*	<0.050	0.050	02/22/2016	ND	2.11	105	2.00	4.78	
Ethylbenzene*	<0.050	0.050	02/22/2016	ND	1.91	95.5	2.00	3.49	
Total Xylenes*	<0.150	0.150	02/22/2016	ND	5.90	98.4	6.00	3.24	
Total BTEX	<0.300	0.300	02/22/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *73.6-140*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2016	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	02/19/2016	ND	198	99.1	200	5.85	
DRO >C10-C28	<10.0	10.0	02/19/2016	ND	216	108	200	12.2	

Surrogate: 1-Chlorooctane *109 %* *35-147*

Surrogate: 1-Chlorooctadecane *118 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received:	02/18/2016	Sampling Date:	02/17/2016
Reported:	02/23/2016	Sampling Type:	Soil
Project Name:	STEVENS B #18	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-I SEC. 7, T23S, R37E		

Sample ID: SP 2 (6'') (H600380-02)

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	02/22/2016	ND	2.15	107	2.00	4.95	
Toluene*	<0.050	0.050	02/22/2016	ND	2.11	105	2.00	4.78	
Ethylbenzene*	<0.050	0.050	02/22/2016	ND	1.91	95.5	2.00	3.49	
Total Xylenes*	<0.150	0.150	02/22/2016	ND	5.90	98.4	6.00	3.24	
Total BTEX	<0.300	0.300	02/22/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *73.6-140*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	02/22/2016	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	02/19/2016	ND	198	99.1	200	5.85	
DRO >C10-C28	<10.0	10.0	02/19/2016	ND	216	108	200	12.2	

Surrogate: 1-Chlorooctane *80.7 %* *35-147*

Surrogate: 1-Chlorooctadecane *71.2 %* *28-171*

Sample ID: SP 2 (2') (H600380-03)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	02/22/2016	ND	416	104	400	0.00	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received:	02/18/2016	Sampling Date:	02/17/2016
Reported:	02/23/2016	Sampling Type:	Soil
Project Name:	STEVENS B #18	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-I SEC. 7, T23S, R37E		

Sample ID: SP 3 (6'') (H600380-04)

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	02/22/2016	ND	2.15	107	2.00	4.95	
Toluene*	<0.050	0.050	02/22/2016	ND	2.11	105	2.00	4.78	
Ethylbenzene*	<0.050	0.050	02/22/2016	ND	1.91	95.5	2.00	3.49	
Total Xylenes*	<0.150	0.150	02/22/2016	ND	5.90	98.4	6.00	3.24	
Total BTEX	<0.300	0.300	02/22/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *73.6-140*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	02/22/2016	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	02/19/2016	ND	198	99.1	200	5.85	
DRO >C10-C28	<10.0	10.0	02/19/2016	ND	216	108	200	12.2	

Surrogate: 1-Chlorooctane *110 %* *35-147*

Surrogate: 1-Chlorooctadecane *118 %* *28-171*

Sample ID: SP 3 (1') (H600380-05)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	02/22/2016	ND	416	104	400	0.00	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(575) 394-3481 FAX: (575) 394-2601

Chain of Custody Form

LAB Cardinal

Company Name	Environmental Plus, Inc.
EPI Project Manager	Daniel Dominguez
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	575-394-3481 / 575-394-2601
Client Company	Apache
Facility Name	Stevens B #18
Location	UL- I Sec. 7, T23S, R37E
Project Reference	
EPI Sampler Name	David Robinson

Bill To

Apache Corp.
Attn: Bruce Baker

ANALYSIS REQUEST

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH			
H600380																									
1	SP1 (6")	G	1			X					X		17-Feb-16	11:25	X	X	X								
2	SP2 (6")	G	1			X					X		17-Feb-16	11:26	X	X	X								
3	SP2 (2')	G	1			X					X		17-Feb-16	13:15			X								
4	SP3 (6")	G	1			X					X		17-Feb-16	11:27	X	X	X								
5	SP3 (1')	G	1			X					X		17-Feb-16	12:26			X								
6																									
7																									
8																									
9																									
10																									

5

Sampler Relinquished: David Robinson — Date 2-18-16 — Time 6:00 am — Received By: David Dominguez

Relinquished by: David Dominguez — Date 2/18/16 — Time 3:27 pm — Received By (lab staff): Jodi Henson

Delivered by: -9.8°C — Sample Cool & Intact: Yes (C) / No — Checked By: JH

#54

E-mail results to: ddominguezepi@gmail.com & larry.baker@apachecorp.com

NOTES:

CARDINAL Laboratories

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

February 23, 2016

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: STEVENS B #18

Enclosed are the results of analyses for samples received by the laboratory on 02/18/16 15:27.

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,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received:	02/18/2016	Sampling Date:	02/17/2016
Reported:	02/23/2016	Sampling Type:	Soil
Project Name:	STEVENS B #18	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-I SEC. 7, T23S, R37E		

Sample ID: STOCKPILE (H600381-01)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	02/22/2016	ND	2.15	107	2.00	4.95	
Toluene*	**1.71**	0.200	02/22/2016	ND	2.11	105	2.00	4.78	
Ethylbenzene*	**4.00**	0.200	02/22/2016	ND	1.91	95.5	2.00	3.49	
Total Xylenes*	**12.4**	0.600	02/22/2016	ND	5.90	98.4	6.00	3.24	
Total BTEX	**18.1**	1.20	02/22/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *73.6-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	02/22/2016	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	**393**	50.0	02/19/2016	ND	198	99.1	200	5.85	
DRO >C10-C28	**3480**	50.0	02/19/2016	ND	216	108	200	12.2	

Surrogate: 1-Chlorooctane *136 %* *35-147*

Surrogate: 1-Chlorooctadecane *146 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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Celey D. Keene, Lab Director/Quality Manager

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2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(575) 394-3481 FAX: (575) 394-2601

Chain of Custody Form

LAB Cardinal

Company Name	Environmental Plus, Inc.
EPI Project Manager	Daniel Dominguez
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	575-394-3481 / 575-394-2601
Client Company	Apache
Facility Name	Stevens B #18
Location	UL- I Sec. 7, T23S, R37E
Project Reference	
EPI Sampler Name	David Robinson

Bill To

Apache Corp.
Attn: Bruce Baker

ANALYSIS REQUEST

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH			
H600381																									
1	Stockpile	C	1			X					X		17-Feb-16	15:10	X	X	X								
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									

5

Sampler Relinquished: David Robinson	Date 2-18-16	Received By:	E-mail results to: ddominguezepi@gmail.com & larry.baker@apachecorp.com
Relinquished by:	Time 6:00 am Date 2/19/16	Received By: (lab staff)	NOTES:
Delivered by: -9.8°C	Time 3:27pm Sample Cool & Intact: Yes / No	Checked By:	

#54

ATTACHMENT III
Copy of Initial NMOCD Form C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Apache Corporation	Contact Bruce Baker
Address: 2350 W Marland Blvd Hobbs, NM 88240	Telephone No. (432) 631-6982
Facility Name Stevens B 18	Facility Type: Oil Well

Surface Owner Federal	Mineral Owner	API No. 30-025-22073

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	7	23S	37E	1930'	FSL	610'	FEL	Lea

Latitude 32.316967 Longitude 103.1954041

NATURE OF RELEASE

Type of Release: oil and produced water	Volume of Release 4 barrels of oil and 2 barrels of water	Volume Recovered 0 barrels
Source of Release: poly flow line	Date and Hour of Occurrence 1/13/2016	Date and Hour of Discovery 1/13/2016
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		

REVIEWED
By Kellie Jones at 7:49 am, Jan 29, 2016

Describe Cause of Problem and Remedial Action Taken.*
Poly flow line froze and ruptured. The well was shut in and the line was repaired.

Describe Area Affected and Cleanup Action Taken.*
The entire release was contained on the lease pad. A backhoe was utilized to back drag release area and contaminated soil was placed on plastic.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Bruce Baker

Printed Name: Bruce Baker

Title: Environmental Technician

E-mail Address: larry.baker@apachecorp.com

Date: 1/27/2016 Phone: (432) 631-6982

OIL CONSERVATION DIVISION

Approved by Environmental Specialist: Kelly

Approval Date: 01/29/2016 Expiration Date: 03/29/2016

Conditions of Approval:
Site samples required. Delineate and remediate as per MNOCD guides. Geotag photographs of remediation recommended.

Attached ☐
1RP-4120

pKJ1602943524
nKJ1602943337

* Attach Additional Sheets If Necessary