



EXPLORING WHAT'S POSSIBLE

APACHE CORPORATION

P.O.Box 1849
Eunice, NM 88231
Phone 575.394.3159

NFE Federal #6

Closure Report

2RP-1194

API 30-015-37361

Release Date: June 22, 2012

Unit Letter J, Section 8, Township 17S, Range 31E

Rice Environmental Consulting & Safety

P.O. Box 5630 Hobbs, NM 88241
Phone 575.393.4411 Fax 575.393.0293

July 31, 2012

Mike Bratcher
New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau – District 2
811 S. First St.
Artesia, NM 88210

**RE: TERMINATION REQUEST
Apache – NFE Federal #6 AD
UL/J sec. 8 T17S R31E
API No. 30-015-37361
2RP-1194**

Mr. Bratcher:

Apache Corporation has retained Rice Environmental Consulting and Safety (RECS) to address potential environmental concerns at the site referenced above.

Background and Previous Work

The site is an accidental discharge of oil and produced water associated with the NFE Federal #6. A flow line ruptured and released fluids onto a lease road and pasture land. The line was repaired and an initial form C-141 was submitted by Apache Corporation on June 22, 2012 (Appendix A). The site is located approximately 6 miles east of Loco Hills, in unit letter 'J' of section 8, T17S, R31E in Eddy County, New Mexico.

On June 25, 2012, RECS personnel initiated work on the NFE Federal #6 (Figure 1). Soil samples were collected at surface and at depth. The samples were field tested for chloride and headspace measurements were also taken in the field using a Photo Ionization Detector (PID). The samples were submitted to a commercial laboratory for chloride and TPH (GRO/DRO) analyses (Appendix C). The Point #1 sample from 2.5 ft. below ground surface (bgs), near the leak source, contained <16 mg/kg chloride and <10 mg/kg TPH. The Point #2 sample from 2 ft. bgs contained 32 mg/kg chloride and <10 mg/kg TPH. The Point #3 sample from 1.5 ft. bgs contained <16 mg/kg chloride and 10.9 mg/kg TPH. The Point #4 sample from 2.5 ft. bgs contained 32 mg/kg chloride and 11.6 mg/kg TPH.

The leak area was excavated to the respective clean sample depths of 1.5 to 2.5 ft. bgs (Figure 2). Impacted soils were removed from the excavation and transported to a NMOCD approved disposal facility. The excavation in the pasture area was backfilled with clean topsoil and contoured to the surrounding area. The excavation in the lease road was backfilled with caliche and leveled. See Appendix B for photographs of field activities.

Conclusion

Due to the complete removal of impacted soils, Apache submits the final C-141 (Appendix D) and respectfully requests the closure of the regulatory file for this site.

Apache Corporation appreciates the opportunity to work with you on this project. Please call Natalie Gladden (575) 390-4186 if you have any questions or comments.

Sincerely,



Bruce Baker
Head Foreman
RECS
(575) 631-5157

Attachments:

- Figure 1: Site Plat with Sample Lab Data
- Figure 2: Site Plat with Site Excavation
- Appendix A: Initial Form C-141
- Appendix B: Site Photographs
- Appendix C: Laboratory Results
- Appendix D: Final Form C-141



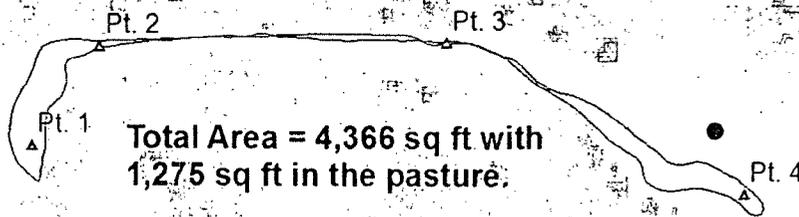
Figures

RICE Environmental Consulting and Safety (RECS)
P.O. Box 5630 Hobbs, NM 88241
Phone 575.393.4411 Fax 575.393.0293

Site Plat

Point #1					
Sample Description	Cl-	PID	LAB Cl-	GRO	DRO
PT1 SURFACE	7481	7.5	10,000	<10	338
PT1 @ 6"	6906	0.7			
PT1 @ 1'	600	0.5			
PT1 @ 1'6"	602	0			
PT1 @ 2'	186	0	<16	<10	16.3
PT1 @ 2'6"	138	1.7	<16	<10	<10

Point #2					
Sample Description	Cl-	PID	LAB Cl-	GRO	DRO
PT2 SURFACE	7712	13.7	12,600	<50	3,270
PT2 @ 6"	415	5.8			
PT2 @ 1'	402	6.8			
PT2 @ 1'6"	216	4.5	208	<10	17.7
PT2 @ 2'	184	0.9	32	<10	<10



Total Area = 4,366 sq ft with
1,275 sq ft in the pasture.

Point #3					
Sample Description	Cl-	PID	LAB Cl-	GRO	DRO
PT3 SURFACE	12680	140	18,800	127	12,800
PT3 @ 6"	523	11.9			
PT3 @ 1'	210	2.5	64	<10	28.7
PT3 @ 1'6"	223	0	<16	<10	10.9

Point #4					
Sample Description	Cl-	PID	LAB Cl-	GRO	DRO
PT4 SURFACE	7366	4113	11,800	1,220	6,930
PT4 @ 6"	643	47			
PT4 @ 1'	595	8.6			
PT4 @ 1'6"	695	2.1			
PT4 @ 2'	167	5.7	32	<10	16.3
PT4 @ 2'6"	171	2.6	32	<10	11.6

Legend

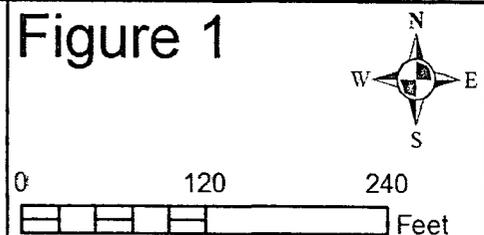
- ▲ SAMPLE POINTS
- INJECTION WELLHEAD
- ▭ STAIN



APACHE NFE #6 AD

LEGALS: UL/M sec. 8
T-17-S R-31-E
EDDY COUNTY, NM

Figure 1



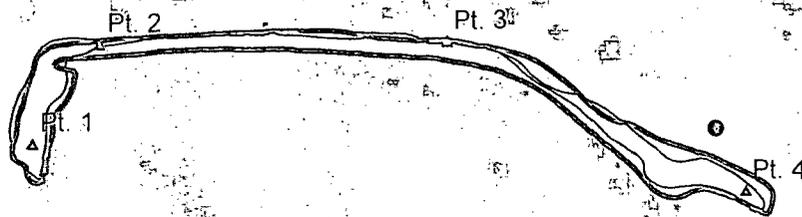
GPS date: 6/25/12 RP
Drawing date: 7/2/12
Drafted by: L. Weinheimer

Site Plat

Point #1					
Sample Description	Cl-	PID	LAB Cl-	GRO	DRO
PT 1 SURFACE	7481	7.5	10,000	<10	338
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PT 4 @ 2'6"	171	2.6	32	<10	11.6

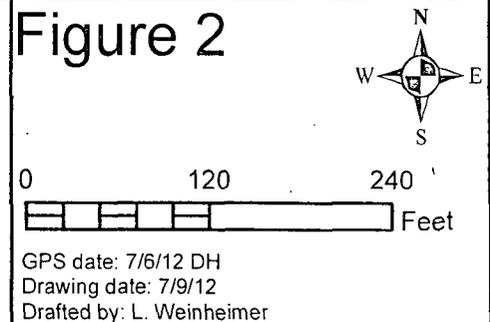
Legend

- ▲ SAMPLE POINTS
- ⊙ INJECTION WELLHEAD
- ▭ SCRAPE
- ▭ STAIN



APACHE
NFE #6 AD
LEGALS: UL/M sec. 8
T-17-S R-31-E
EDDY COUNTY, NM

Figure 2





Appendix A

Initial Form C-141

RICE Environmental Consulting and Safety (RECS)
P.O. Box 5630 Hobbs, NM 88241
Phone 575.393.4411 Fax 575.393.0293

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

nJMW 1218036666 OPERATOR Initial Report Final Report

Name of Company Apache Corporation <i>873</i>	Contact Natalie Gladden
Address PO Box 1849 Eunice NM 88231	Telephone No. 575-390-4186
Facility Name NFE Federal #6	Facility Type Production well
Surface Owner BLM	Mineral Owner State
Lease No. 30-015-37361	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	8	17S	31E	1650	FSL	990	FEL	Lea Eddy

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Oil/Water	Volume of Release 20	Volume Recovered 15
Source of Release Flowline	Date and Hour of Occurrence 06/22/2012	Date and Hour of Discovery 06/22/12 5pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Natalie Gladden	Date and Hour 06/22/12 7pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

The steal flowline was found by a Lynn Energy pumper. Leak was due to corrosion. The standing fluid was recovered by a vacuum truck. Location was backdrugged until one-call was made and cleared.

Describe Area Affected and Cleanup Action Taken.*

The location will be remediated to meet the NMOCD and BLM Remediation Standards to closure.

RECEIVED
JUN 27 2012
NMOCD ARTESIA

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

Signature: <i>Natalie Gladden</i>	OIL CONSERVATION DIVISION	
Printed Name: Natalie Gladden	Signed By <i>Mike Bratcher</i>	
Title: EHS Environmental Tech	Approved by District Supervisor:	
E-mail Address: natalie.gladden@apachecorp.com	Approval Date: JUN 28 2012	Expiration Date:
Date: 6/22/12 Phone: 575-390-4186	Conditions of Approval:	Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary

Remediation per OCD Rules & Guidelines. **SUBMIT REMEDIATION PROPOSAL NOT LATER THAN:**

7/28/12

2RP-1194

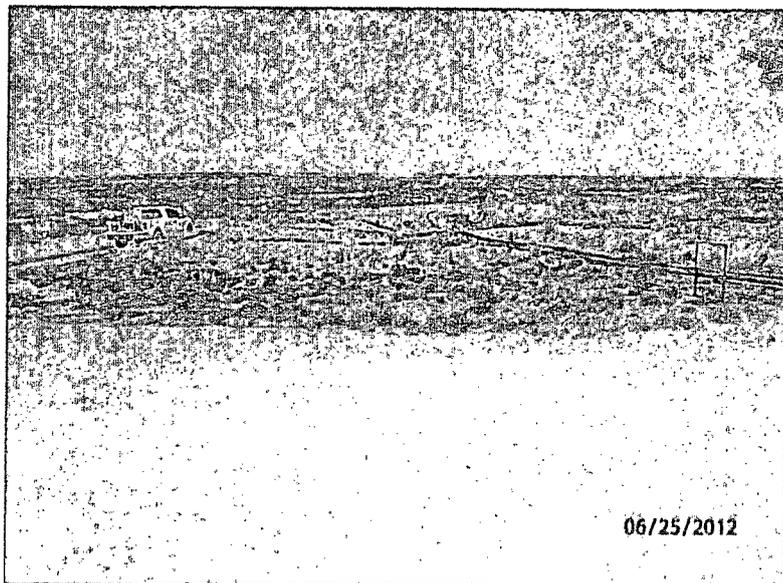


Appendix B

Site Photographs

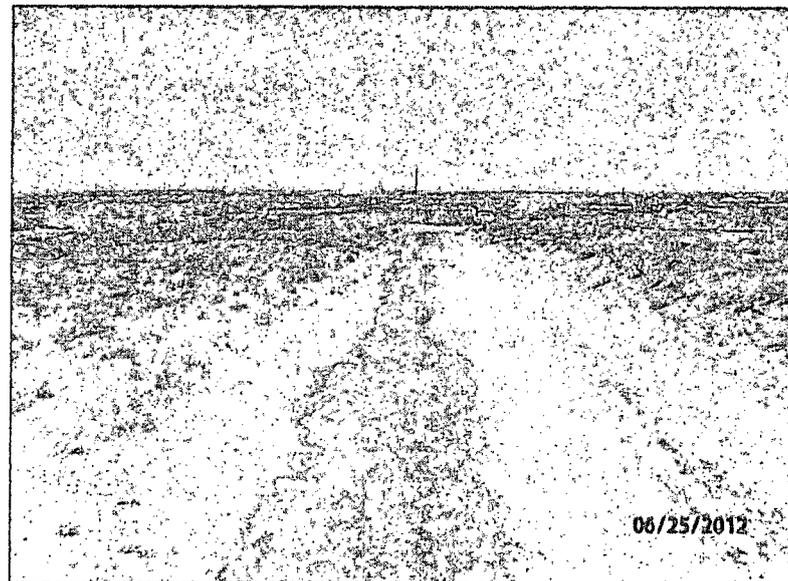
RICE Environmental Consulting and Safety (RECS)
P.O. Box 5630 Hobbs, NM 88241
Phone 575.393.4411 Fax 575.393.0293

NFE Federal #6 AD
Unit Letter J, Section 8, T17S, R31E



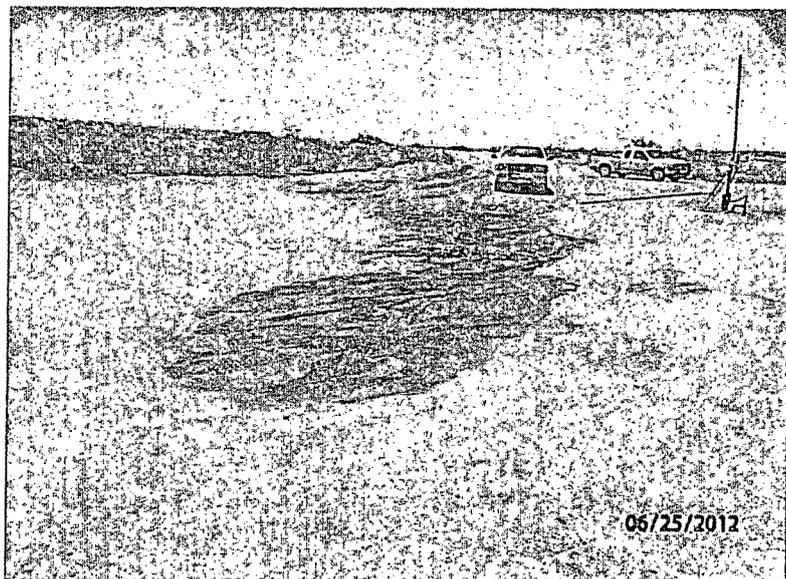
Initial release area, facing east

6/25/12



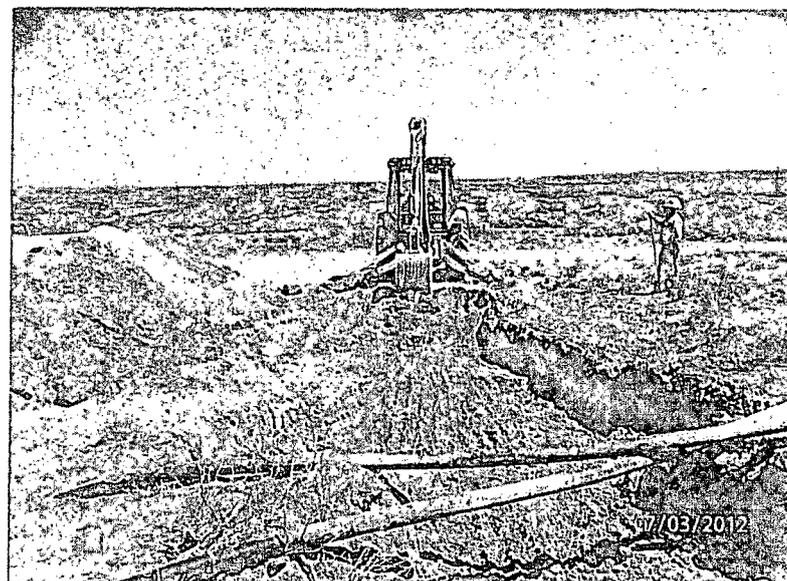
Initial release area, facing east

6/25/12



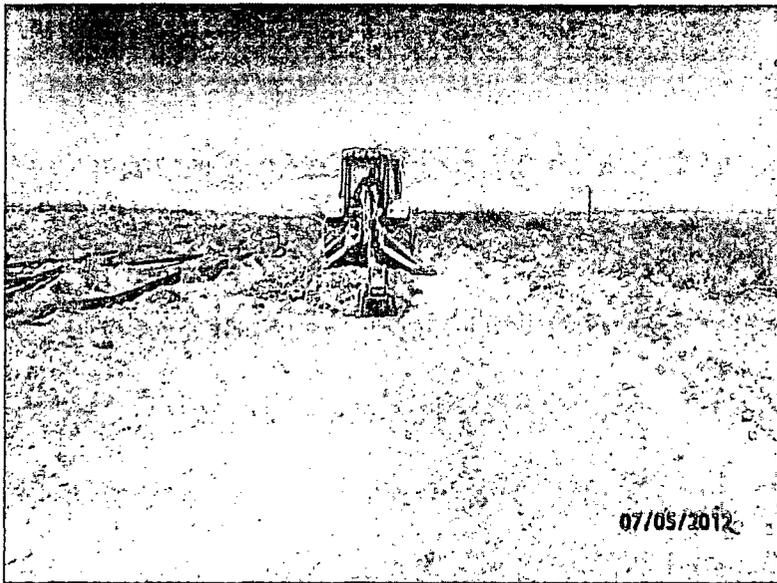
Initial release area, facing south

6/25/12



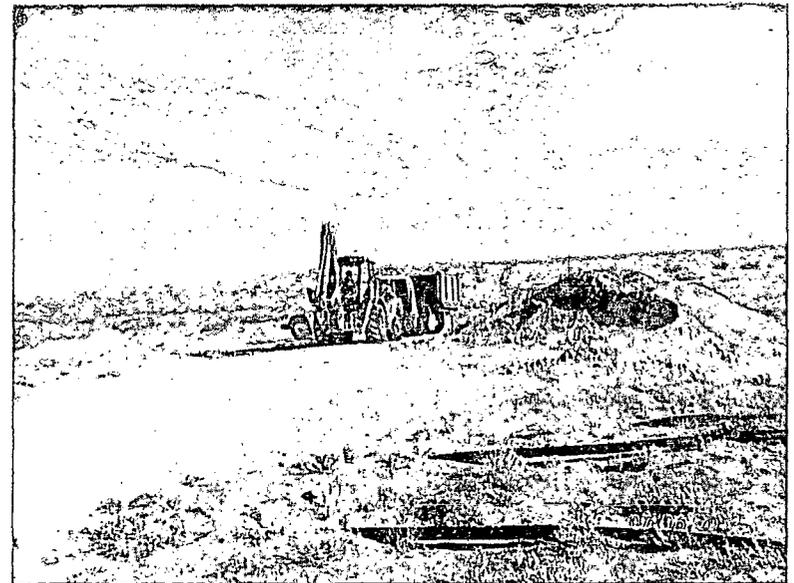
Excavating pasture, facing north

7/3/12



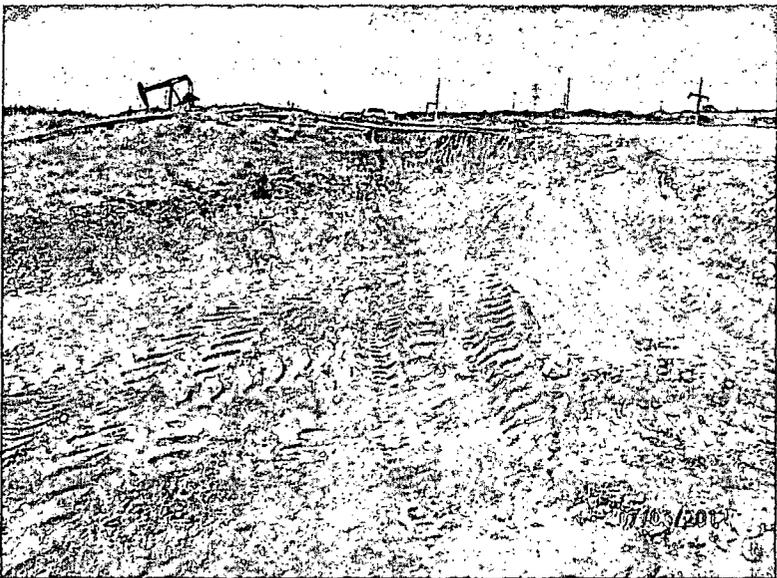
Excavating road, facing west

7/5/12



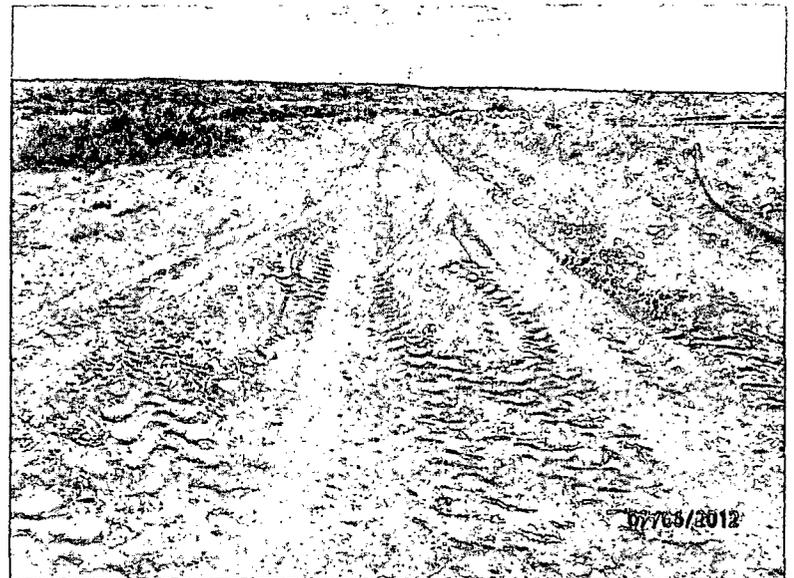
Exporting soil, facing north

7/6/12



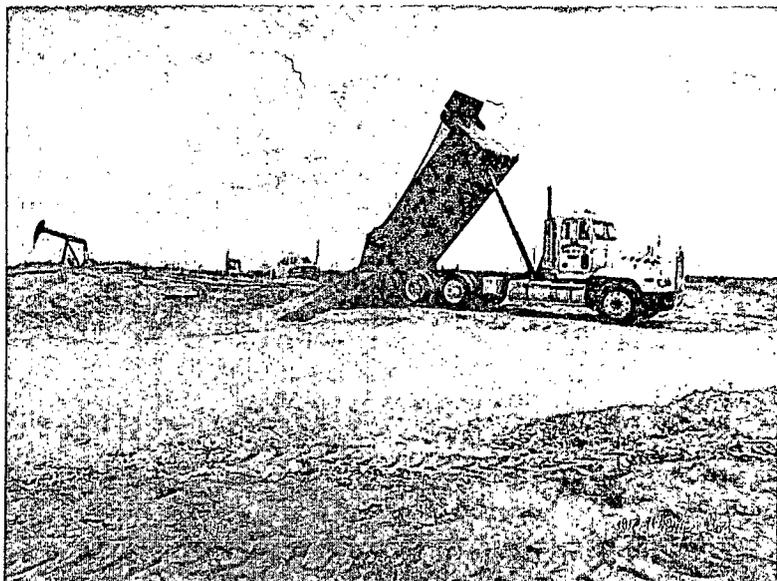
Final pasture excavation, facing south

7/6/12



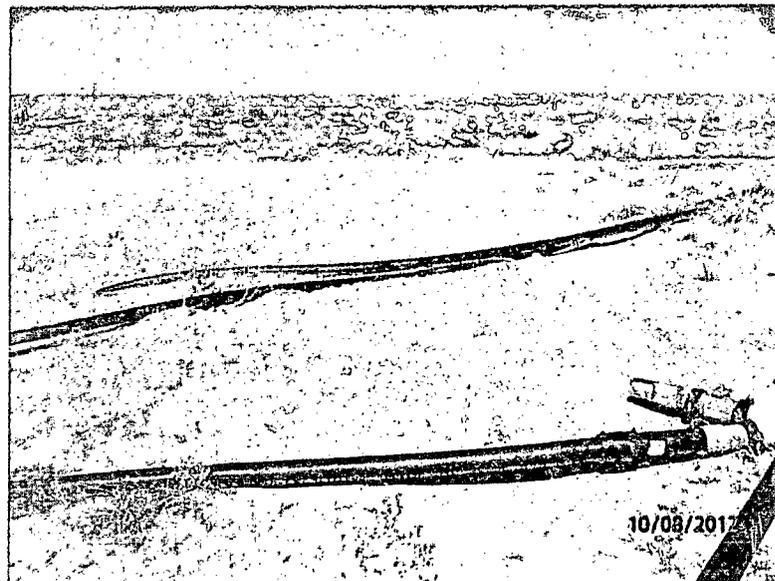
Final road excavation, facing east

7/6/12



Importing backfill, facing south

7/9/12



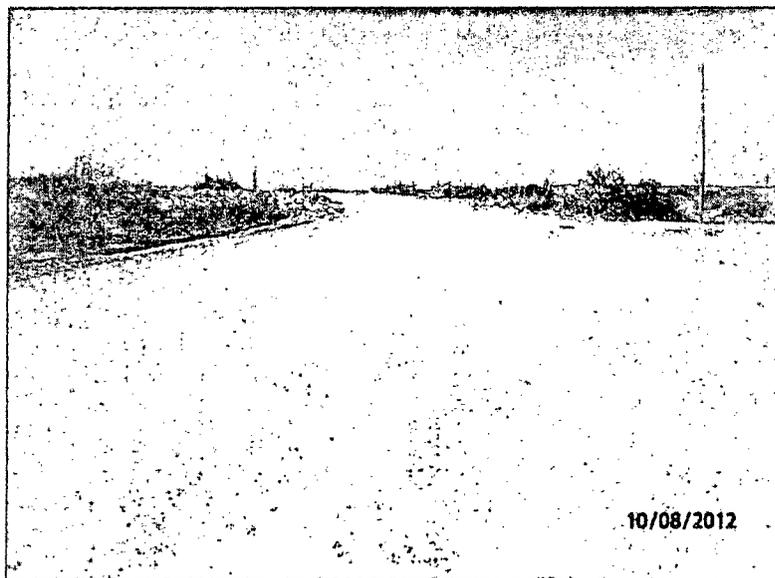
Site complete, facing north

10/8/12



Site complete, facing east

10/8/12



Site complete, facing west

10/8/12



Appendix C

Laboratory Results

RICE Environmental Consulting and Safety (RECS)
P.O. Box 5630 Hobbs, NM 88241
Phone 575.393.4411 Fax 575.393.0293

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

 Received: 06/25/2012
 Reported: 06/27/2012
 Project Name: NFE #6 AD
 Project Number: NONE GIVEN
 Project Location: LOCO HILLS, NM

 Sampling Date: 06/25/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 1 SURFACE (H201437-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10000	16.0	06/26/2012	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	06/26/2012	ND	189	94.3	200	1.31		
DRO >C10-C28	338	10.0	06/26/2012	ND	203	102	200	2.73		
<i>Surrogate: 1-Chlorooctane</i>	<i>84.7 %</i>	<i>65.2-140</i>								
<i>Surrogate: 1-Chlorooctadecane</i>	<i>98.9 %</i>	<i>63.6-154</i>								

Sample ID: PT. 1 @ 2' (H201437-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/26/2012	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	06/26/2012	ND	189	94.3	200	1.31		
DRO >C10-C28	16.3	10.0	06/26/2012	ND	203	102	200	2.73		
<i>Surrogate: 1-Chlorooctane</i>	<i>76.3 %</i>	<i>65.2-140</i>								
<i>Surrogate: 1-Chlorooctadecane</i>	<i>90.3 %</i>	<i>63.6-154</i>								

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

 Received: 06/25/2012
 Reported: 06/27/2012
 Project Name: NFE #6 AD
 Project Number: NONE GIVEN
 Project Location: LOCO HILLS, NM

 Sampling Date: 06/25/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 1 @ 2' 6" (H201437-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/26/2012	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	06/26/2012	ND	189	94.3	200	1.31		
DRO >C10-C28	<10.0	10.0	06/26/2012	ND	203	102	200	2.73		
<i>Surrogate: 1-Chlorooctane</i>	77.7 %	65.2-140								
<i>Surrogate: 1-Chlorooctadecane</i>	92.2 %	63.6-154								

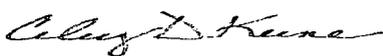
Sample ID: PT. 2 SURFACE (H201437-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12600	16.0	06/26/2012	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	<50.0	50.0	06/26/2012	ND	189	94.3	200	1.31		
DRO >C10-C28	3270	50.0	06/26/2012	ND	203	102	200	2.73		
<i>Surrogate: 1-Chlorooctane</i>	68.9 %	65.2-140								
<i>Surrogate: 1-Chlorooctadecane</i>	143 %	63.6-154								

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

 Received: 06/25/2012
 Reported: 06/27/2012
 Project Name: NFE #6 AD
 Project Number: NONE GIVEN
 Project Location: LOCO HILLS, NM

 Sampling Date: 06/25/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 2 @ 1' 6" (H201437-05)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	06/26/2012	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	06/26/2012	ND	189	94.3	200	1.31		
DRO >C10-C28	17.7	10.0	06/26/2012	ND	203	102	200	2.73		
<i>Surrogate: 1-Chlorooctane</i>	<i>95.4 %</i>	<i>65.2-140</i>								
<i>Surrogate: 1-Chlorooctadecane</i>	<i>110 %</i>	<i>63.6-154</i>								

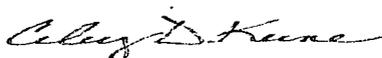
Sample ID: PT. 2 @ 2' (H201437-06)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/26/2012	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	06/26/2012	ND	189	94.3	200	1.31		
DRO >C10-C28	<10.0	10.0	06/26/2012	ND	203	102	200	2.73		
<i>Surrogate: 1-Chlorooctane</i>	<i>90.9 %</i>	<i>65.2-140</i>								
<i>Surrogate: 1-Chlorooctadecane</i>	<i>104 %</i>	<i>63.6-154</i>								

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

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 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

 Received: 06/25/2012
 Reported: 06/27/2012
 Project Name: NFE #6 AD
 Project Number: NONE GIVEN
 Project Location: LOCO HILLS, NM

 Sampling Date: 06/25/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 3 SURFACE (H201437-07)

Chloride, SM4500CI-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	18800	16.0	06/26/2012	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	127	50.0	06/26/2012	ND	189	94.3	200	1.31		
DRO >C10-C28	12800	50.0	06/26/2012	ND	203	102	200	2.73		
<i>Surrogate: 1-Chlorooctane</i>		95.1 %	<i>65.2-140</i>							
<i>Surrogate: 1-Chlorooctadecane</i>		235 %	<i>63.6-154</i>							

Sample ID: PT. 3 @ 1' (H201437-08)

Chloride, SM4500CI-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/26/2012	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	06/26/2012	ND	189	94.3	200	1.31		
DRO >C10-C28	28.7	10.0	06/26/2012	ND	203	102	200	2.73		
<i>Surrogate: 1-Chlorooctane</i>		87.0 %	<i>65.2-140</i>							
<i>Surrogate: 1-Chlorooctadecane</i>		98.5 %	<i>63.6-154</i>							

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICE
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

 Received: 06/25/2012
 Reported: 06/27/2012
 Project Name: NFE #6 AD
 Project Number: NONE GIVEN
 Project Location: LOCO HILLS, NM

 Sampling Date: 06/25/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 3 @ 1' 6" (H201437-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/26/2012	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	06/26/2012	ND	189	94.3	200	1.31	
DRO >C10-C28	10.9	10.0	06/26/2012	ND	203	102	200	2.73	
<i>Surrogate: 1-Chlorooctane</i>	77.7 %	65.2-140							
<i>Surrogate: 1-Chlorooctadecane</i>	90.6 %	63.6-154							

Sample ID: PT. 4 SURFACE (H201437-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11800	16.0	06/26/2012	ND	416	104	400	0.00		
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	1220	50.0	06/26/2012	ND	189	94.3	200	1.31		
DRO >C10-C28	6930	50.0	06/26/2012	ND	203	102	200	2.73		
<i>Surrogate: 1-Chlorooctane</i>	197 %	65.2-140								
<i>Surrogate: 1-Chlorooctadecane</i>	194 %	63.6-154								

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 APACHE - EUNICÉ
 NATALIE GLADDEN
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

 Received: 06/25/2012
 Reported: 06/27/2012
 Project Name: NFE #6 AD
 Project Number: NONE GIVEN
 Project Location: LOCO HILLS, NM

 Sampling Date: 06/25/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 4 @ 2' (H201437-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/26/2012	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	06/26/2012	ND	189	94.3	200	1.31		
DRO >C10-C28	16.3	10.0	06/26/2012	ND	203	102	200	2.73		
<i>Surrogate: 1-Chlorooctane</i>	78.4 %	65.2-140								
<i>Surrogate: 1-Chlorooctadecane</i>	90.9 %	63.6-154								

Sample ID: PT. 4 @ 2' 6" (H201437-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/26/2012	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	06/26/2012	ND	189	94.3	200	1.31		
DRO >C10-C28	11.6	10.0	06/26/2012	ND	203	102	200	2.73		
<i>Surrogate: 1-Chlorooctane</i>	79.6 %	65.2-140								
<i>Surrogate: 1-Chlorooctadecane</i>	95.1 %	63.6-154								

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1

Company Name: Apache		BILL TO		ANALYSIS REQUEST																
Project Manager: <i>Nate G...</i>		P.O. #:		Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS											
Address:		Company:																		
City: State: NM Zip:		Attn:																		
Phone #: Fax #:		Address:																		
Project #: Project Owner:		City:																		
Project Name: <i>WPA #6 AD</i>		State: Zip:																		
Project Location: <i>Lola Hills</i>		Phone #:																		
Sampler Name: <i>Antonio...</i>		Fax #:																		

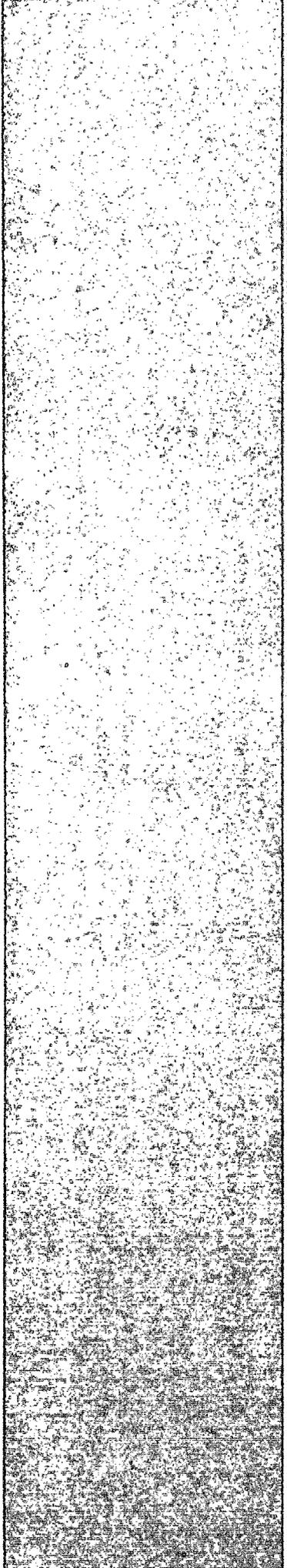
FOR LAB USE ONLY		# CONTAINERS	MATRIX						PRESERV.			SAMPLING	
Lab I.D.	Sample I.D.		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME
<i>H201437</i>													
	<i>1 AT / surface</i>	<i>9</i>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			<i>6-25-12</i>	<i>3:00</i>
	<i>2 AT 10' 2'</i>												<i>3:05</i>
	<i>3 AT 100' 2' 6"</i>												<i>3:10</i>
	<i>4 AT 300' surface</i>												<i>3:15</i>
	<i>5 AT 200' 1/6"</i>												<i>3:20</i>
	<i>6 AT 2' (W) 2'</i>												<i>3:25</i>
	<i>7 AT 3' surface</i>												<i>3:30</i>
	<i>8 AT 10'</i>												<i>3:35</i>
	<i>9 AT 300' 1/6"</i>												<i>3:40</i>
	<i>10 AT 400' surface</i>												<i>3:45</i>

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Relinquished By: <i>[Signature]</i>	Date: <i>6-25-12</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
	Time: <i>4:50</i>		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		email results <i>Nate@rice-ecs.com</i>	
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)	Zconder@rice-ecs.com; Bbaker@rice-ecs.com;	
Sampler - UPS - Bus - Other:	<i>50</i>	<i>[Signature]</i>	hconder@rice-ecs.com; Lweinheimer@rice-ecs.com	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#26



Appendix D

Final Form C-141

RICE Environmental Consulting and Safety (RECS)
P.O. Box 5630 Hobbs, NM 88241
Phone 575.393.4411 Fax 575.393.0293

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company Apache Corp.	Contact Natalie Gladden
Address P.O. Box 1849, Eunice, NM, 88231	Telephone No. (575) 390-4186
Facility Name NFE Federal #6	Facility Type Production Well
Surface Owner BLM	Mineral Owner State
API No. 30-015-37361	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	8	17S	31E	1650	FSL	990	FEL	Eddy

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Oil/Water	Volume of Release 20 bbls	Volume Recovered 15 bbls
Source of Release Flowline	Date and Hour of Occurrence 6/22/2012	Date and Hour of Discovery 6/22/2012 5 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Natalie Gladden	Date and Hour 6/22/2012 7 pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

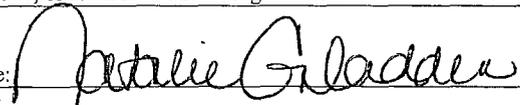
The steel flow line was found by a Linn Energy pumper. Leak was due to corrosion. The standing fluid was recovered by a vacuum truck. Location was back-dragged until one-call was made and cleared.

Describe Area Affected and Cleanup Action Taken.*

The leak affected a total area of 4,366 square feet including a lease road and 1,275 square feet of pasture land. Samples were collected and sent to a commercial lab for chloride and TPH analyses. The leak was excavated and impacted soils were removed to a NMOCD approved disposal facility. The excavation in the pasture was backfilled with clean imported topsoil and contoured to the surrounding area. The excavation in the lease road was backfilled with clean imported caliche and leveled.

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

OIL CONSERVATION DIVISION

Signature: 	Approved by District Supervisor:	
Printed Name: Natalie Gladden	Approval Date:	Expiration Date:
Title: EH&S Environmental Tech	Conditions of Approval:	
E-mail Address: Natalie.gladden@apachecorp.com	Attached <input type="checkbox"/>	
Date: 11/9/12	Phone: (575) 390-4186	

* Attach Additional Sheets If Necessary