

istrict I
525 N. French Dr., Hobbs, NM 88240
istrict II
501 W. Grand Avenue, Artesia, NM 88210
istrict III
500 Rio Brazos Road, Aztec, NM 87410
istrict IV
520 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

HOBBS OCD

OCT 12 2012

RECEIVED

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	Hawk B-1 #55	Facility Type	Producing Well
Surface Owner	Deck Estate	Mineral Owner	State of NM
		Lease No.	30-025-39511

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	8	21S	37E	2130	FSL	2310	FWL	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

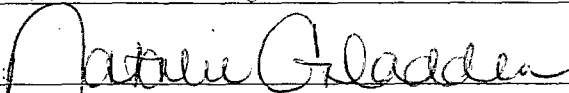

Type of Release	Oil/Produced Water	Volume of Release	10 bbl	Volume Recovered	0 bbl
Source of Release	Flow Line	Date and Hour of Occurrence	12/06/11	Date and Hour of Discovery	12/06/11
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	Geoffrey Leking		
By Whom?	Natalie Gladden	Date and Hour	12/07/11 11:50 am		
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.*					

DTW=75'

Describe Cause of Problem and Remedial Action Taken.*
Flow line busted due to freezing weather. No fluid was recovered due to fluid freezing, the top layer of contamination was scraped up waiting on the on-all to clear.

Describe Area Affected and Cleanup Action Taken.*
The leak affected the caliche pad surrounding the well head. Impacted soils were removed to a NMOCD approved disposal facility. Representative soil samples were collected from the excavation and sent to a commercial laboratory for chloride and TPH confirmation. The excavation was backfilled with lean 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.

Signature: 	 Environmental Specialist	
Printed Name: Natalie Gladden	Approved by District Supervisor:	
Title: EH&S Environmental Tech	Approval Date: 10/09/12	Expiration Date: —
E-mail Address: Natalie.gladden@apachecorp.com	Conditions of Approval: —	Attached <input type="checkbox"/>
Date: _____ Phone: (575) 390-4186	WRP-10-12-2852	

Attach Additional Sheets If Necessary

NSAD1416830919

h



EXPLORING WHAT'S POSSIBLE

HOBBS OCD

OCT 12 2012

RECEIVED

APACHE CORPORATION

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

Hawk B-1 #55

Closure Report

API 30-025-39511

Release Date: December 6, 2011

Unit Letter K, Section 8, Township 21S, Range 37E

Approved
Debb Johnson
Env. Specialist
NMOCB-DIST 1
10/09/12

Rice Environmental Consulting & Safety

P.O. Box 5630 Hobbs, NM 88241

Phone 575.393.4411 Fax 575.393.0293

May 7, 2012

Geoffrey Leking

New Mexico Energy, Minerals, & Natural Resources

Oil Conservation Division, Environmental Bureau – District 1

1625 N. French Dr.

Hobbs, NM 88240-9273

RE: TERMINATION REQUEST

Apache – Hawk B-1 #55 AD

UL/K sec. 8 T21S R37E

API No. 30-025-39511

Mr. Leking:

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 produced water and crude oil associated with the Hawk B-1 #55. A flow line ruptured, releasing fluid onto the caliche pad surrounding the well head. An initial form C-141 was submitted by Apache Corporation on December 12, 2011 (Appendix A). The site is located northwest of Eunice, in unit letter 'K' of section 8, T21S, R37E in Lea County, New Mexico.

On December 6, 2011, RECS personnel initiated work on the Hawk B-1 #55 (Figure 1). Surface soil samples were collected and field tested for chloride. 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). Chloride ranged from 32.0 ppm (parts per million or mg/kg) to 688 ppm. TPH ranged from <100 ppm to 6,350 ppm.

On December 12, 2011, RECS personnel collected representative grab samples from the excavation walls and a composite sample from the excavation floor (Figure 2). The samples were submitted to a laboratory for analyses. In all samples, chloride did not exceed 144 ppm, and TPH was <10.0 ppm (Appendix C).

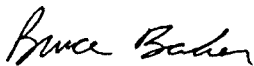
Impacted soils were removed from the excavation and transported to a NMOCD approved disposal facility. The excavation was backfilled with clean caliche (Chloride 64.0 ppm) and leveled (Appendix C). See Appendix B for photographs of field activities.

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

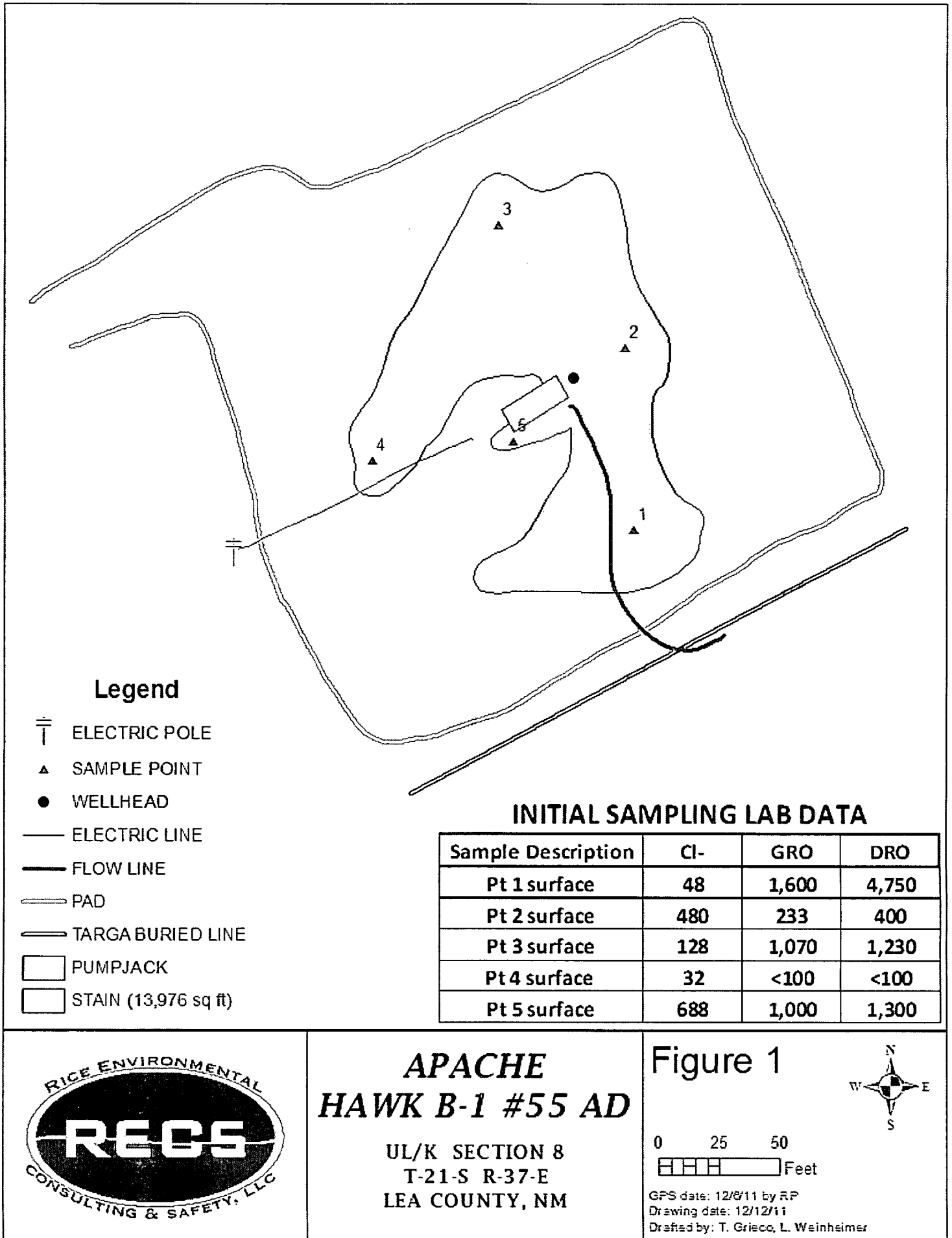
Attachments:

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

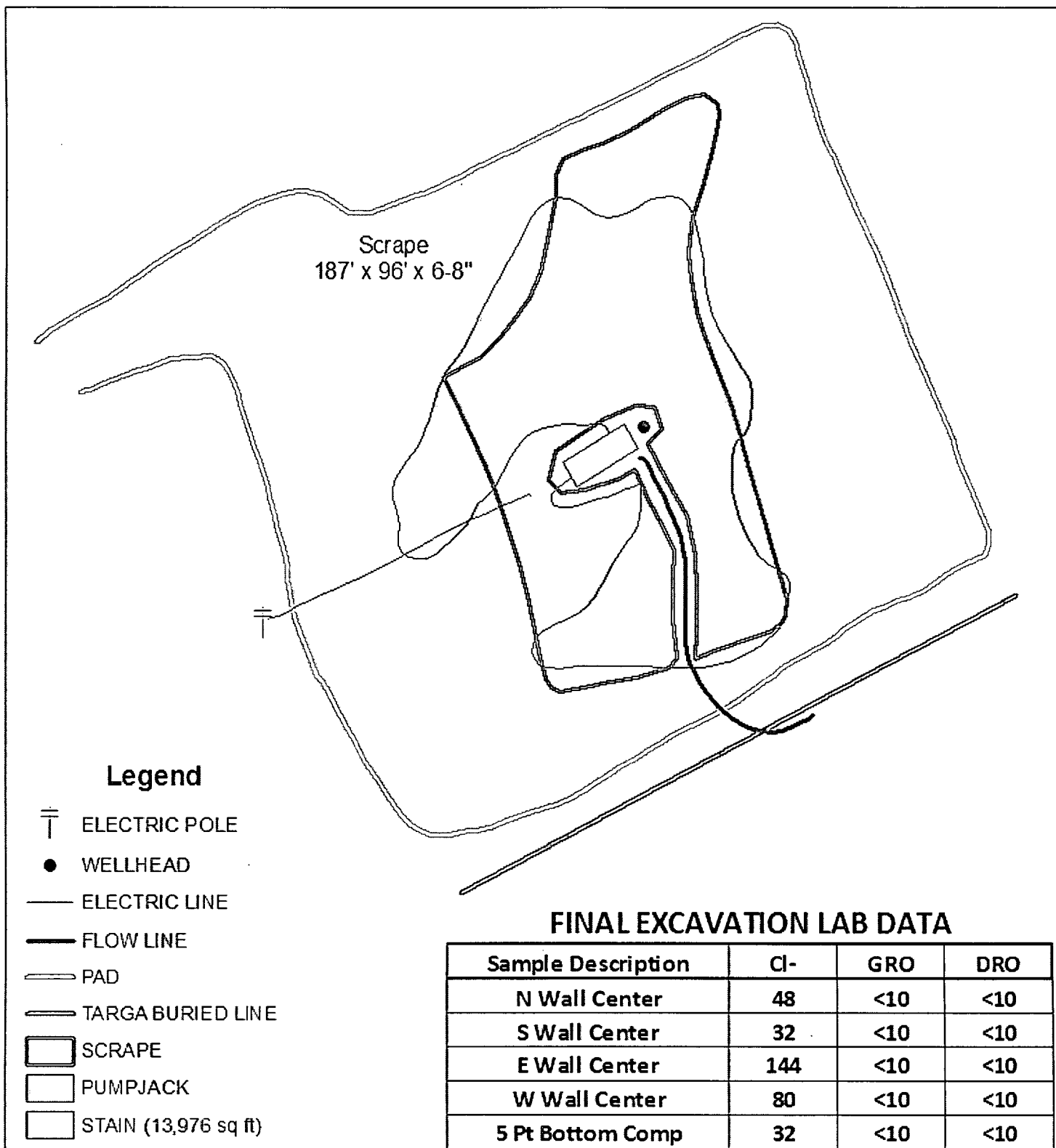
Figures

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

Site Plat



Site Plat



APACHE HAWK B-1 #55 AD

UL/K SECTION 8
T-21-S R-37-E
LEA COUNTY, NM

Figure 2



0 25 50
HHH Feet

GPS date: 12/6/11 by RP
Drawing date: 12/12/11
Drafted by: T. Grieco, L. Weinheimer

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
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 Natalie Gladden	
Address PO Box 1849 Eunice NM 88231	Telephone No. 575-390-4186	
Facility Name Hawk B-1 #55	Facility Type Producing well	
Surface Owner Deck Estate	Mineral Owner St of NM	API No. 30-025-38441

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	8	21S	37E	330	FNL	2310	FWL	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Oil/Produced Water	Volume of Release 10	Volume Recovered 0
Source of Release Flowline	Date and Hour of Occurrence 12/06/11	Date and Hour of Discovery 12/06/11
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? Geoffrey Leking	
By Whom? Natalie Gladden	Date and Hour 12/07/11 1150am	
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.*

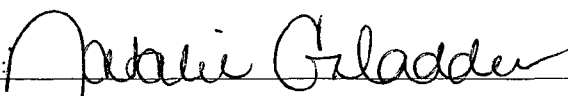

Describe Cause of Problem and Remedial Action Taken.*

Flowline busted due to freezing weather. No fluid was recovered due to fluid freezing, the top layer of contamination was scrapped up waiting on the one-call to clear.

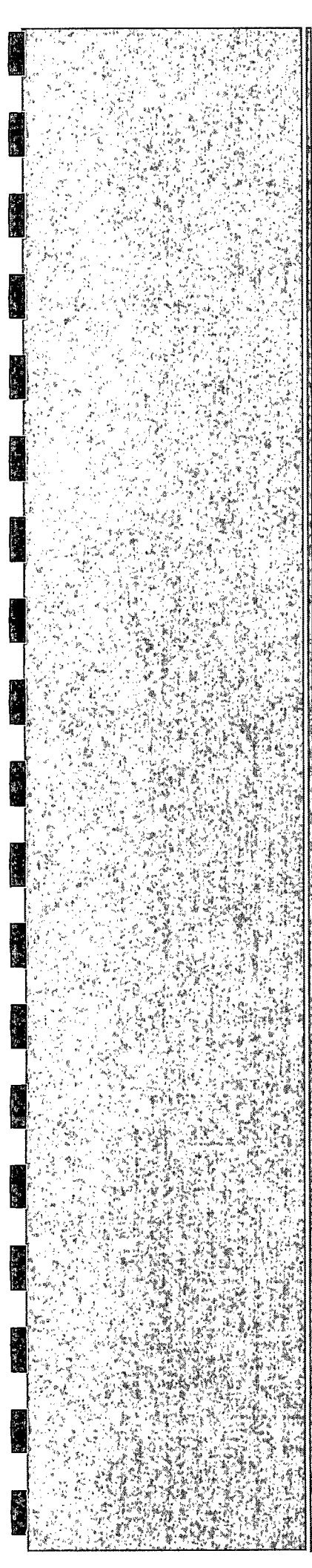
Describe Area Affected and Cleanup Action Taken.*

The remediation will follow the NMOCD Guidelines to closure.

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

Signature: 		
Printed Name: Natalie Gladden		
Title: EHS Environmental Tech	Approval Date: 12/09/11	Expiration Date: 02/09/12
E-mail Address: natalie.gladden@apachecorp.com	Conditions of Approval: SUBMIT FINAL	Attached <input type="checkbox"/>
Date: 12/12/11 Phone: 575-390-4186	C-141 BY 02/09/12	IRP-10-12-2852

* Attach Additional Sheets If Necessary



Appendix B

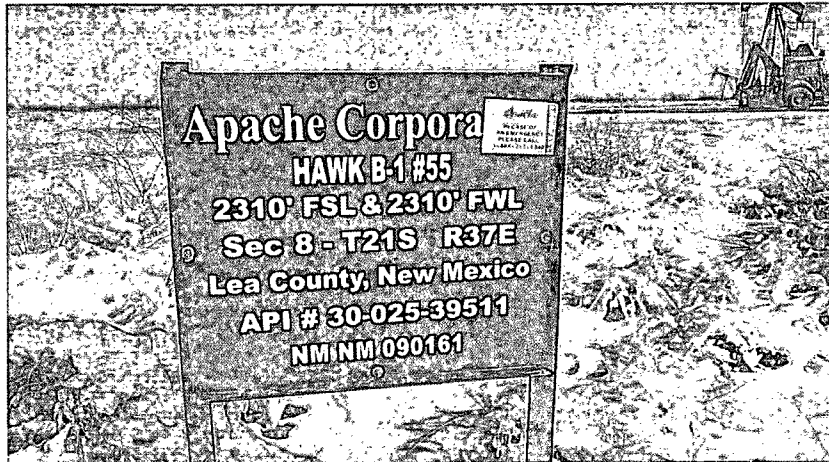
Site Photographs

RICE Environmental Consulting and Safety (RECS)

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

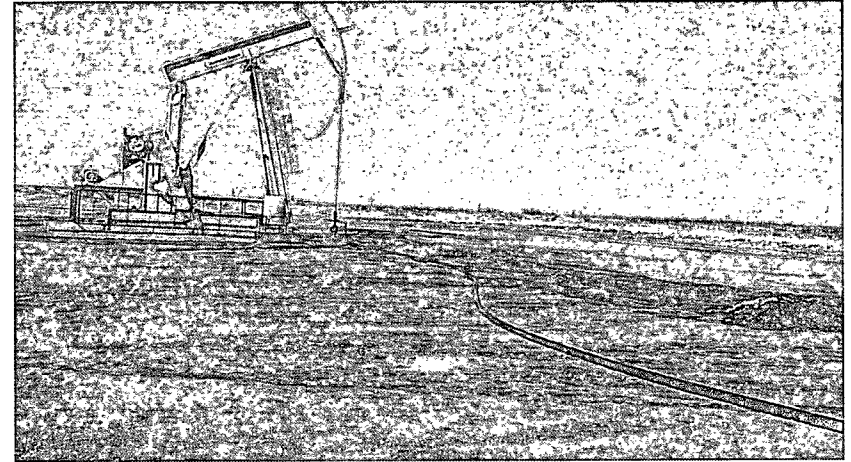
Apache Hawk B-1 #55 AD

Unit K, Section 8, T21S, R37E



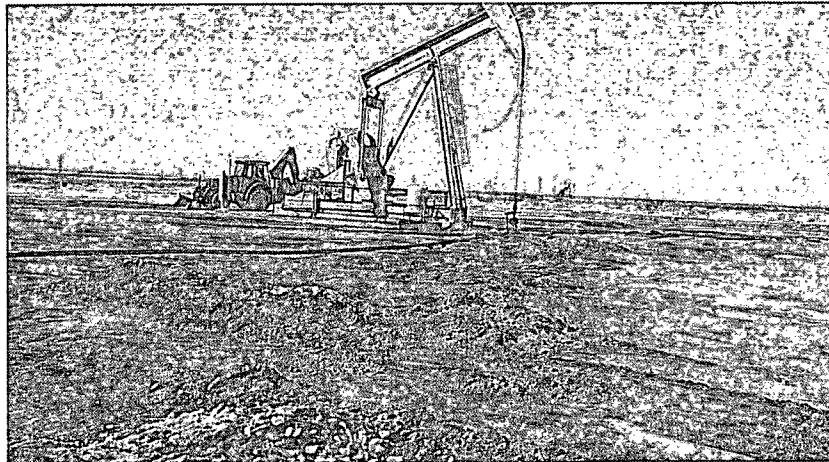
Site sign

12/6/11



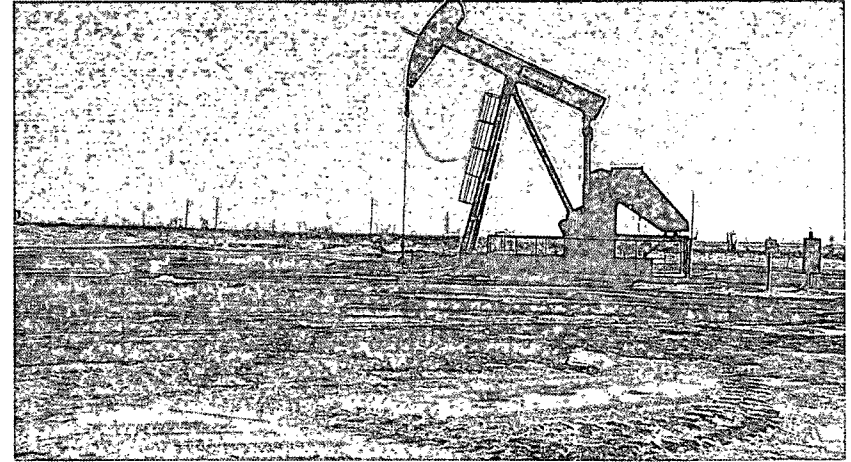
Initial leak area, facing northeast

12/6/11



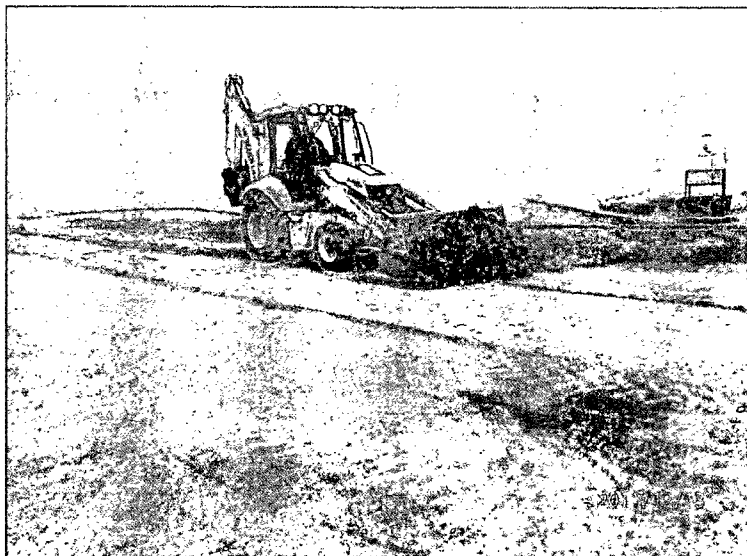
Initial leak area, facing northwest

12/6/11



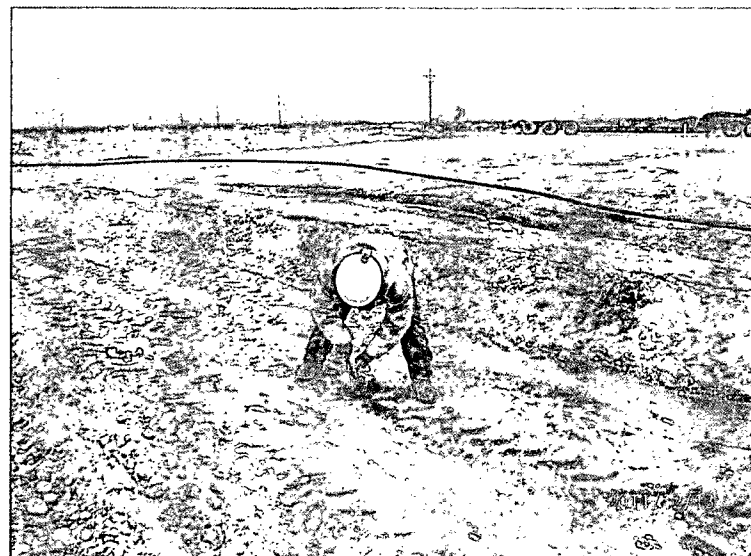
Initial leak area, facing south

12/6/11



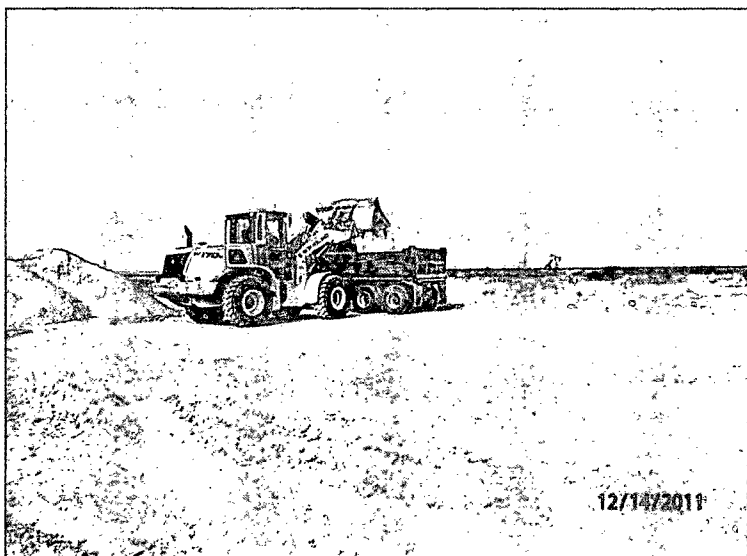
Scraping site, facing south

12/13/11



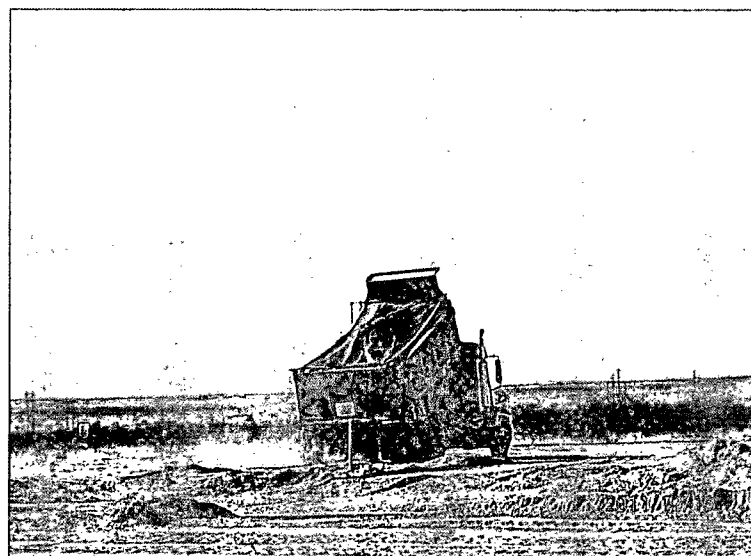
Sampling scrape, facing southeast

12/13/11



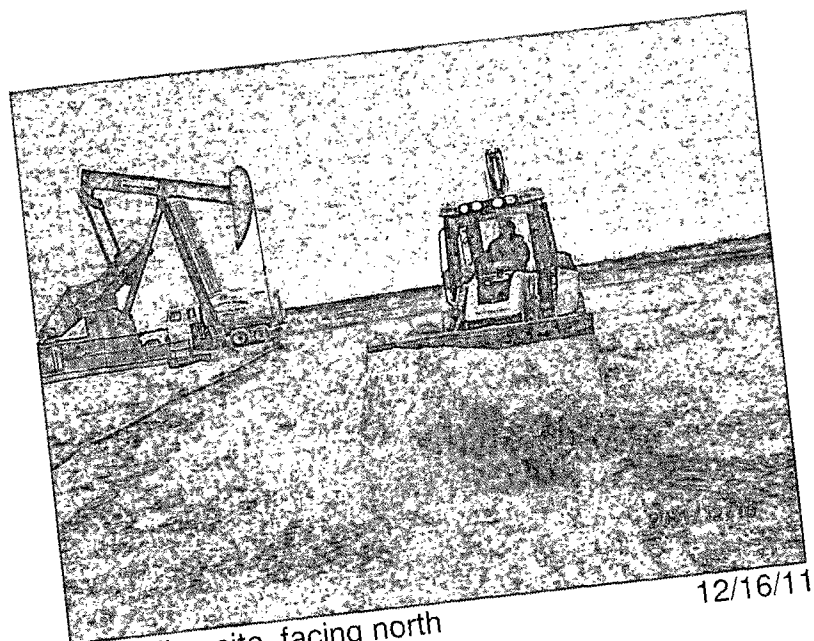
Exporting soil, facing north

12/14/11



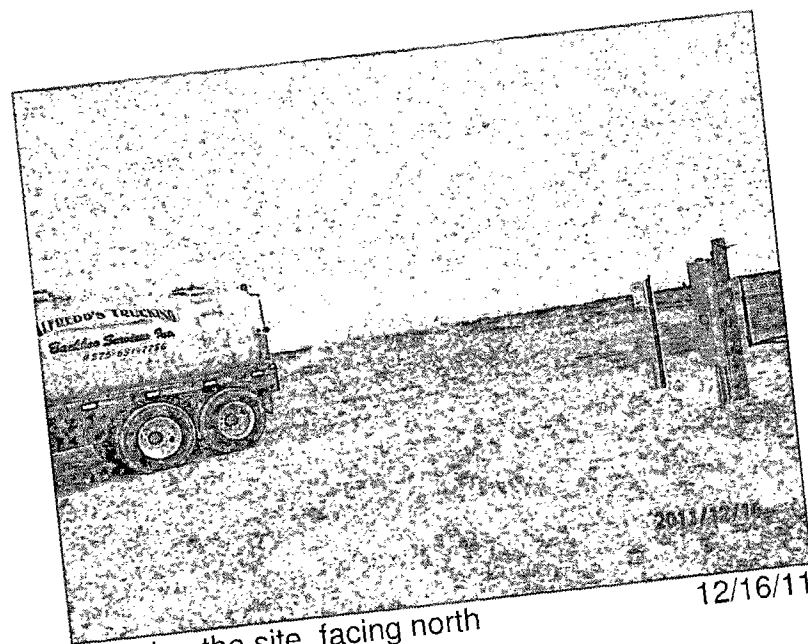
Importing soil, facing southwest

12/16/11



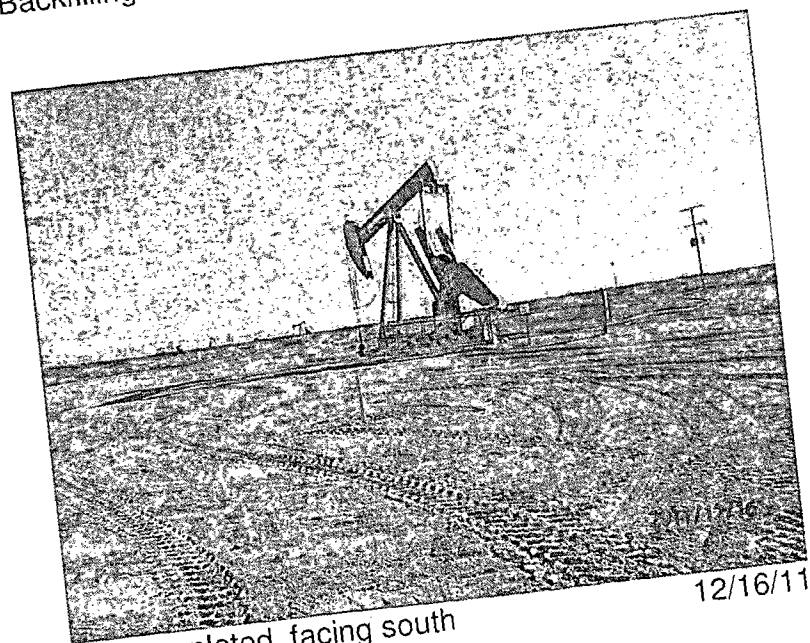
Backfilling site, facing north

12/16/11



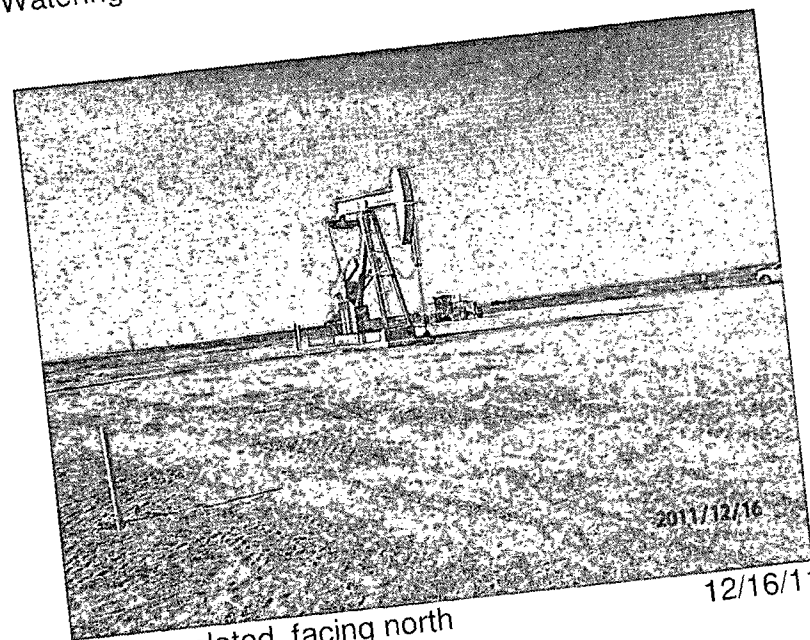
Watering the site, facing north

12/16/11



Site completed, facing south

12/16/11



Site completed, facing north

12/16/11

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: 12/06/2011
Reported: 12/09/2011
Project Name: HAWK B-1 #55
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/06/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: PT. 1 SURFACE (H102610-01)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/07/2011	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	1600	100	12/07/2011	ND	197	98.5	200	0.173	
DRO >C10-C28	4750	100	12/07/2011	ND	168	84.0	200	4.20	

Surrogate: 1-Chlorooctane 133 % 55.5-154

Surrogate: 1-Chlorooctadecane 88.6 % 57.6-158

Sample ID: PT. 2 SURFACE (H102610-02)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	12/07/2011	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	233	100	12/07/2011	ND	197	98.5	200	0.173	
DRO >C10-C28	400	100	12/07/2011	ND	168	84.0	200	4.20	

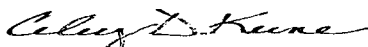
Surrogate: 1-Chlorooctane 93.0 % 55.5-154

Surrogate: 1-Chlorooctadecane 88.1 % 57.6-158

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: 12/06/2011
 Reported: 12/09/2011
 Project Name: HAWK B-1 #55
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/06/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 3 SURFACE (H102610-03)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/07/2011	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	1070	100	12/07/2011	ND	197	98.5	200	0.173	
DRO >C10-C28	1230	100	12/07/2011	ND	168	84.0	200	4.20	

Surrogate: 1-Chlorooctane 93.8 % 55.5-154

Surrogate: 1-Chlorooctadecane 85.7 % 57.6-158

Sample ID: PT. 4 SURFACE (H102610-04)

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	12/07/2011	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	<100	100	12/07/2011	ND	197	98.5	200	0.173	
DRO >C10-C28	<100	100	12/07/2011	ND	168	84.0	200	4.20	

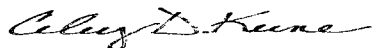
Surrogate: 1-Chlorooctane 80.0 % 55.5-154

Surrogate: 1-Chlorooctadecane 88.3 % 57.6-158

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*=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: 394-2425Received: 12/06/2011
Reported: 12/09/2011
Project Name: HAWK B-1 #55
Project Number: NONE GIVEN
Project Location: NOT GIVENSampling Date: 12/06/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson**Sample ID: PT. 5 SURFACE (H102610-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	12/07/2011	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	1000	100	12/07/2011	ND	197	98.5	200	0.173	
DRO >C10-C28	1300	100	12/07/2011	ND	168	84.0	200	4.20	
Surrogate: 1-Chlorooctane									
	98.2 %	55.5-154							
Surrogate: 1-Chlorooctadecane									
	99.9 %	57.6-158							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

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 the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

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

Analytical Results For:

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

 Received: 12/15/2011
 Reported: 12/20/2011
 Project Name: HAWK B-1 #55
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/15/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: N WALL CENTER (H102709-01)

Chloride, SM4500CI-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/19/2011	ND	464	116	400	7.14	
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	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/19/2011	ND	193	96.5	200	6.51	

Surrogate: 1-Chlorooctane 89.2 % 55.5-154

Surrogate: 1-Chlorooctadecane 104 % 57.6-158

Sample ID: S WALL CENTER (H102709-02)

Chloride, SM4500CI-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2011	ND	432	108	400	3.77	
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	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/19/2011	ND	193	96.5	200	6.51	

Surrogate: 1-Chlorooctane 82.5 % 55.5-154

Surrogate: 1-Chlorooctadecane 99.1 % 57.6-158

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: 12/15/2011
Reported: 12/20/2011
Project Name: HAWK B-1 #55
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/15/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: E WALL CENTER (H102709-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/19/2011	ND	432	108	400	3.77	
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	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/19/2011	ND	193	96.5	200	6.51	
Surrogate: 1-Chlorooctane		69.1 %	55.5-154						
Surrogate: 1-Chlorooctadecane		90.3 %	57.6-158						

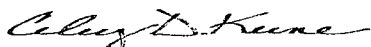
Sample ID: W WALL CENTER (H102709-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/19/2011	ND	432	108	400	3.77	
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	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/19/2011	ND	193	96.5	200	6.51	
Surrogate: 1-Chlorooctane		86.4 %	55.5-154						
Surrogate: 1-Chlorooctadecane		96.3 %	57.6-158						

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*=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: 12/15/2011
Reported: 12/20/2011
Project Name: HAWK B-1 #55
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/15/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: 5 PT. BOTTOM COMP (H102709-05)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2011	ND	432	108	400	3.77	
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	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/19/2011	ND	193	96.5	200	6.51	

Surrogate: 1-Chlorooctane 91.2 % 55.5-154

Surrogate: 1-Chlorooctadecane 108 % 57.6-158

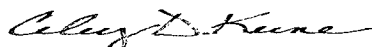
Sample ID: IMPORTED SOIL (H102709-06)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/19/2011	ND	432	108	400	3.77	

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

Company Name: <u>Apache Corporation</u>		BILL TO		ANALYSIS REQUEST																							
Project Manager: <u>Natalie G. Ladden</u>		P.O. #:		<div>CL Tp H 8015m</div>																							
Address:		Company:																									
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn:																									
Phone #: Fax #:		Address:																									
Project #: Project Owner:		City:																									
Project Name: <u>A.D.</u>		State: Zip:																									
Project Location: <u>Hawk B-1 #55</u>		Phone #:																									
Sampler Name: <u>Oscar Payne</u>		Fax #:																									
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING															
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE / COOL	OTHER:	DATE	TIME												
	#102309																										
	1	N-WALL CNTR	6				X							12-15-11		X	X										
	2	S-WALL CNTR	6				X							12-15-11		X	X										
	3	E-WALL CNTR	6				X							12-15-11		X	X										
	4	W-WALL CNTR	6				X							12-15-11		X	X										
	5	Spt Bottom Comp.	6				X							12-15-11		X	X										
	6	Imported Soil	6				X							12-15-11		X	X										

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Relinquished By: <u>[Signature]</u>	Date: <u>12-15-11</u>	Received By: <u>Jodi Nenson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <u>[Signature]</u>	Time: <u>4:36</u>	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)		Sample Condition	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		Cool Intact		
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>[Signature]</u>	
REMARKS: <u>Natalie, Josh, Bruce, Zach, Laura,</u> <u>E-mail Everyone Please</u>				

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	Hawk B-1 #55	Facility Type	Producing Well
Surface Owner	Deck Estate	Mineral Owner	State of NM
		Lease No.	30-025-39511

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	8	21S	37E	2130	FSL	2310	FWL	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	Oil/Produced Water	Volume of Release	10 bbl	Volume Recovered	0 bbl
Source of Release	Flow Line	Date and Hour of Occurrence	12/06/11	Date and Hour of Discovery	12/06/11
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required				
By Whom?	Natalie Gladden	If YES, To Whom?	Geoffrey Leking		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Date and Hour	12/07/11 11:50 am				
If YES, Volume Impacting the Watercourse.					

If a Watercourse was Impacted, Describe Fully.*

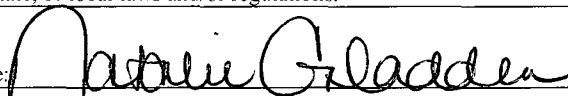

Describe Cause of Problem and Remedial Action Taken.*

Flow line busted due to freezing weather. No fluid was recovered due to fluid freezing, the top layer of contamination was scraped up waiting on the on-call to clear.

Describe Area Affected and Cleanup Action Taken.*

The leak affected the caliche pad surrounding the well head. Impacted soils were removed to a NMOCD approved disposal facility. Representative soil samples were collected from the excavation and sent to a commercial laboratory for chloride and TPH confirmation. The excavation was backfilled with clean 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.

Signature: 	 Environmental Specialist	
Printed Name: Natalie Gladden	Approved by District Supervisor:	
Title: EH&S Environmental Tech	Approval Date: 10/09/12	Expiration Date: —
E-mail Address: Natalie.gladden@apachecorp.com	Conditions of Approval: —	Attached <input type="checkbox"/>
Date: _____ Phone: (575) 390-4186	WRP-10-12-2852	

* Attach Additional Sheets If Necessary