

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 CONS. DIV DIST. 3

DEC 31 2014

Form C-141
Revised August 8, 2011

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

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

Release Notification and Corrective Action

Name of Company Roddy Production Company	Contact: Jeremy Divine
Address: P O Box 2221, Farmington NM 87499	Telephone No. 432 557 6778
Facility Name: Chacon Jicarilla Apache D #009	Facility Type: Oil Well

Surface Owner: Jicarilla Apache Nation	Mineral Owner: Jicarilla Apache Nation	API No. 30-043-20430
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LOCATION OF RELEASE

Unit Letter O	Section 23	Township 23N	Range 3W	Feet from the 790'	North/South Line South	Feet from the 1850'	East/West Line East	County Sandoval
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Latitude: 36 deg. 12' 15.29" Longitude: 107 deg. 07' 23.78"

NATURE OF RELEASE

Type of Release: Oil	Volume of Release: 158 bbls	Volume Recovered: 159.27 bbls
Source of Release: 400 bbl oil tank	Date and Hour of Occurrence: 10-16-14 late evening	Date and Hour of Discovery: 12:00 pm 11-17-14
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jason Sandoval w/ the Jicarilla O&G found the spill, spoke with Mr. Sandoval at 12:40 pm, notified the NMOCD at 2:55 pm	
By Whom? Jeremy Divine	Date and Hour: 10-17-14, 2:55 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.*

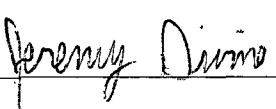
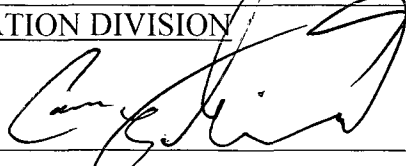
Describe Cause of Problem and Remedial Action Taken.*

On Thursday October 16 2014, lease operator drained water out of oil tank. When finished he mistakenly opened the valve all the way instead of closing and sealed the valve, draining 195.39 bbls out of oil tank, filling up fiberglass water tank w/ 37. 12 bbls and spilling 158.27 bbls onto the ground. Remediation consisted of digging out contaminated soil until field analysis and lab results confirmed TPH, Benzene and BTEX levels were at or below regulatory standards. Once lab results confirmed contamination was removed, Jicarilla O&G and the NMOCD approved backfilling. The site was backfilled with Jicarilla O&G approved soil from Jicarilla Apache property. Reseeding the area will be conducted in the spring of 2015 with Jicarilla Apache Nation approved seed. Attached are photos, lab results, e mails and field notes from Envirotech.

Describe Area Affected and Cleanup Action Taken.*

The area affected was the below grade tank and cellar it was placed in, approximately a 26' x 26' x 3' deep fenced area. Clean action taken: All of the oil was contained in the firewall on location. On 10-16-14 a vacuum truck picked up 148 bbls with a loss of 47 bbls. On 10-20-14 a steam cleaner was used to clean the soil and the inside/outside of the fiberglass tank. Another 11.27 bbls oil was recovered, total recovered 159.27 bbls. The fiber glass pit was removed and contaminated soil was removed. Once lab results confirmed area was at or below regulatory standards, the area that was affected was 46'x 36'x 16' deep and 820 yards of contaminated soil was hauled to Envirotech land farm south of Bloomfield. Attached are photos and invoices.

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: 	OIL CONSERVATION DIVISION	
Printed Name: Jeremy Divine	Approved by Environmental Specialist: 	
Title: Foreman	Approval Date: 2/5/15	Expiration Date:
E-mail Address: jdivine@crowquest.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12-17-14	Phone: 432-557-6778	

* Attach Additional Sheets If Necessary

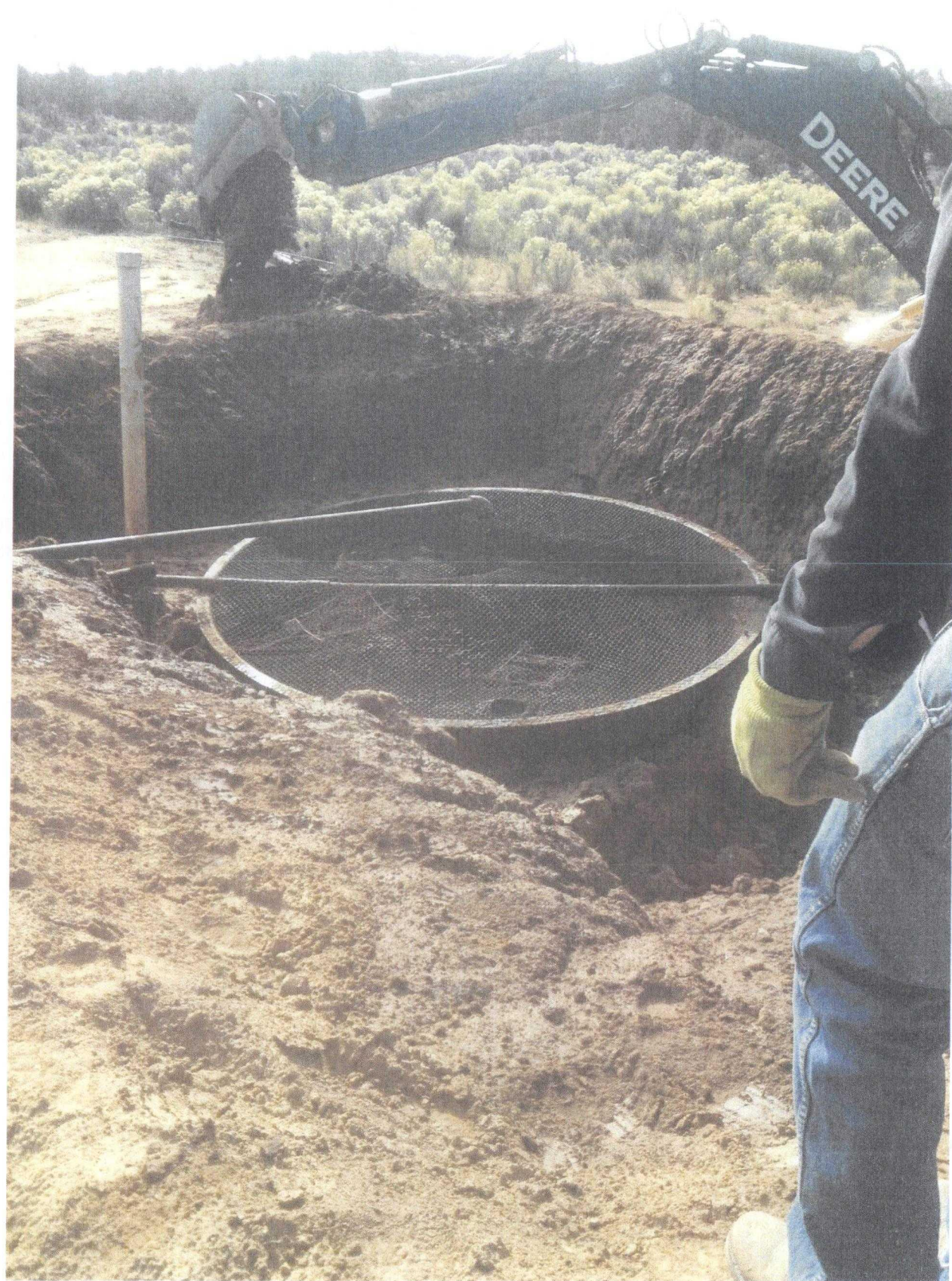
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(42)









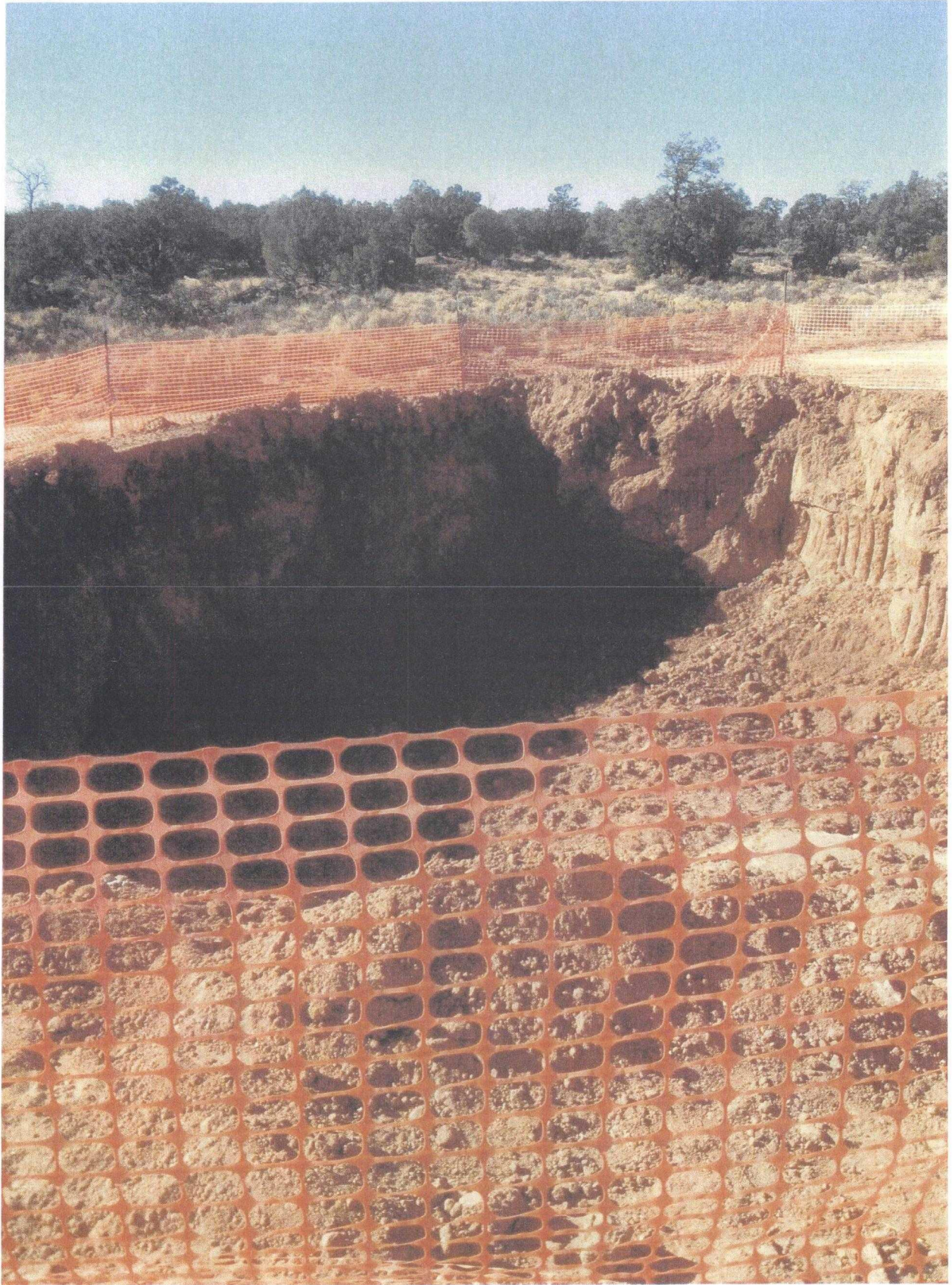


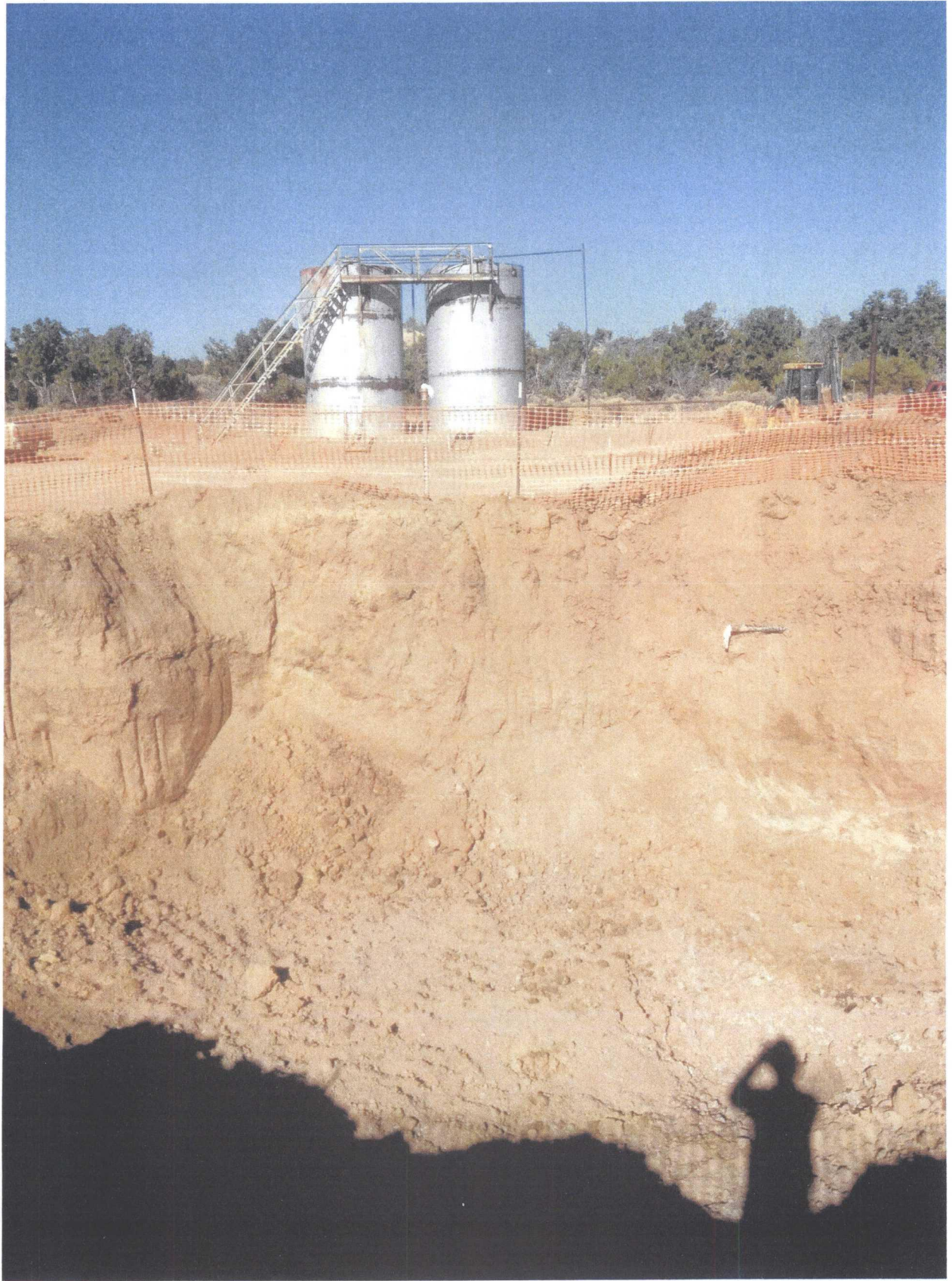






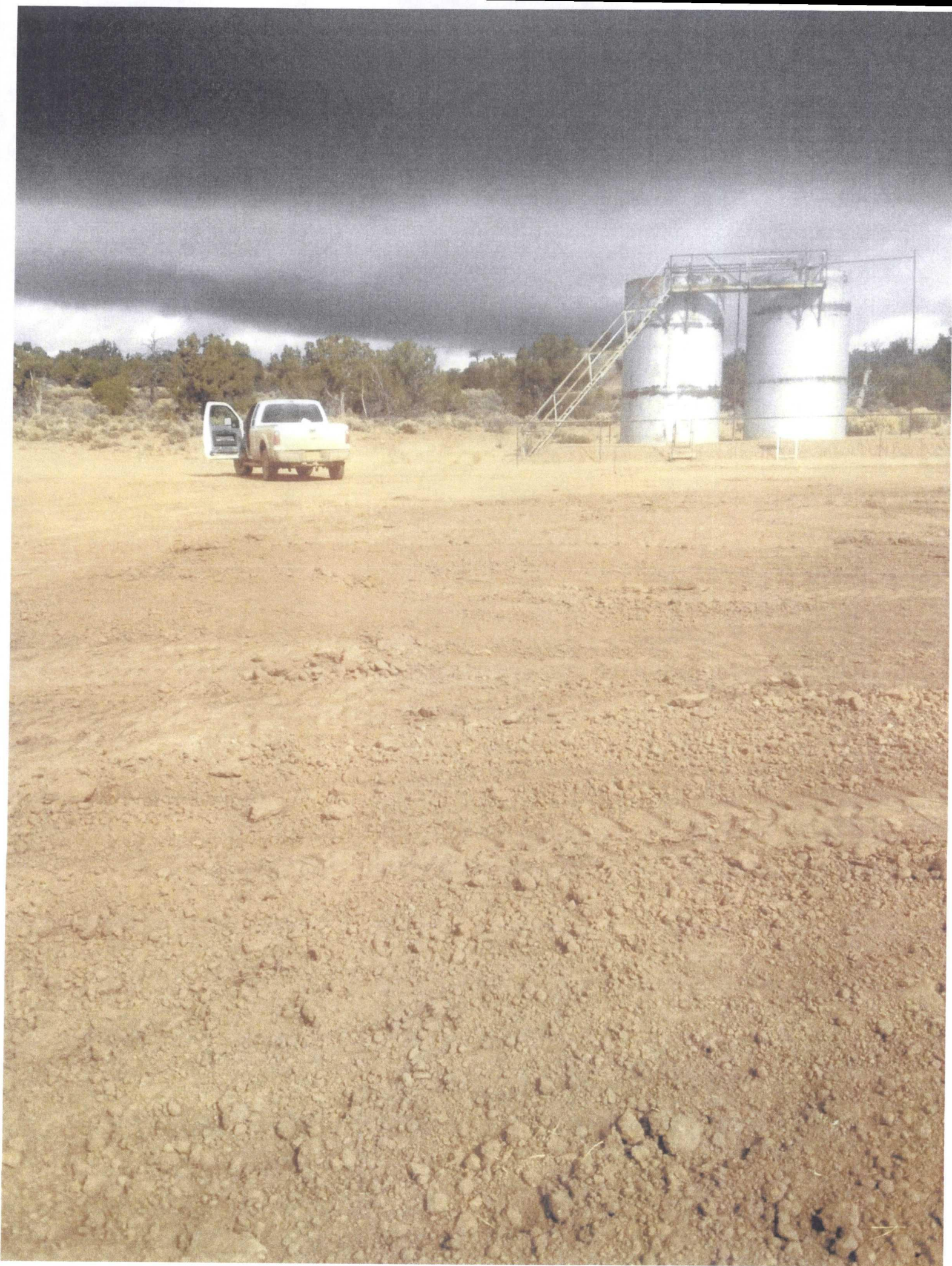


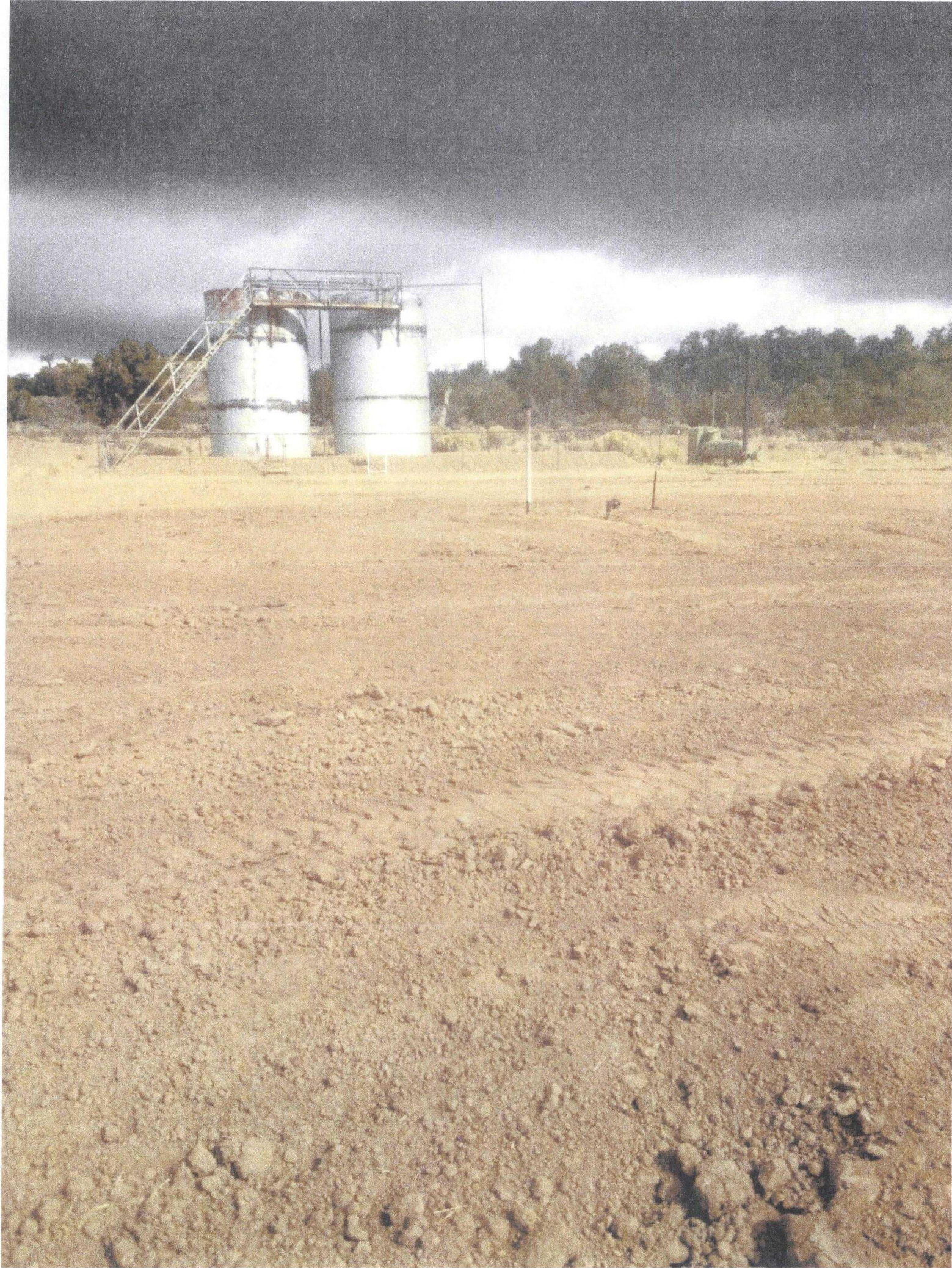












Jeremy Divine

From: Trey Tixier
Sent: Tuesday, November 18, 2014 10:04 AM
To: Jeremy Divine
Subject: Fw: Clean up and Closure of Chacon Jicarilla D-9

From: Hobson Sandoval <hsandoval_99@yahoo.com>
Sent: Tuesday, November 18, 2014 10:01 AM
To: Trey Tixier; Cordell Tecube
Subject: Clean up and Closure of Chacon Jicarilla D-9

Earlier I had given you verbal approval to back fill this site because the lab values at the base were within OCD closure standards. I also approved you getting back fill soil from the large pond south west of the site. And I saw the successful clean up of this site.

If you have any questions, I can be contacted at my email or contact me at 505-486-4966

Jeremy Divine

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Sent: Wednesday, November 12, 2014 8:05 AM
To: Jeremy Divine
Subject: RE: Chacon Jicarilla Apache D #9 Final Results.

Jeremy,

After Reviewing the Data provided, NMOCD is approving your request to close the excavation at the Chacon Jicarilla Apache D #9.

Please include a copy of this email in your Final C-141.

Thank you,

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

From: Jeremy Divine [mailto:jdivine@crowquest.com]
Sent: Tuesday, November 11, 2014 10:30 AM
To: Smith, Cory, EMNRD
Subject: Fwd: Chacon Jicarilla Apache D #9 Final Results.

Corey,

Here is the final soil sample results on the Chacon Jicarilla Apache D#9. As we discussed last week The Jicarilla EPO does not want us to dig any further and wants us to backfill ASAP. Let me know if you have any question and if we are approved to backfill. Thanks

Jeremy Divine

Begin forwarded message:

From: Sheena Leon <sleon@envirotech-inc.com>
Date: November 11, 2014 at 9:43:44 AM MST
To: Jeremy Divine <jdivine@crowquest.com>, "ttixier@crowquest.com" <ttixier@crowquest.com>

Jeremy & Trey,

Here are the results for the samples collected from the Chacon Jicarilla Apache D #9. All of the samples returned results below regulatory standards, except for the sample from the South Bottom of the excavation, which came in at 203 mg/kg (ppm). This was the section that the Jicarilla EPA wanted to avoid any further excavation on, due to depth of excavation and already hitting rock. Please let me know if you have any questions.

Thank you ☺

Sheena Leon
Environmental Technician
Envirotech Inc.
5796 U.S. Hwy 64
Farmington, NM 87401
sleon@envirotech-inc.com
Office: (505) 632-0615 ext. 153
Cell: (505) 320-1428



Analytical Report

Report Summary

Client: Crown Quest Operating

Chain Of Custody Number: 17479

Samples Received: 10/31/2014 4:15:00PM

Job Number: 07151-0016

Work Order: P411001

Project Name/Location: Chacon Jicarilla Apache
D #9

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Date: 11/21/14

Tim Cain, Laboratory Manager

Supplement to analytical report generated on: 11/10/14 10:38 am

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



Crown Quest Operating
PO 2221
Farmington NM, 87499

Project Name: Chacon Jicarilla Apache D #9
Project Number: 07151-0016
Project Manager: Sheena Leon

Reported:
21-Nov-14 11:23

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
North Bottom	P411001-01A	Soil	10/31/14	10/31/14	Glass Jar, 4 oz.
South Bottom	P411001-02A	Soil	10/31/14	10/31/14	Glass Jar, 4 oz.
South Walls	P411001-03A	Soil	10/31/14	10/31/14	Glass Jar, 4 oz.

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Crown Quest Operating
 PO 2221
 Farmington NM, 87499

 Project Name: Chacon Jicarilla Apache D #9
 Project Number: 07151-0016
 Project Manager: Sheena Leon

Reported:
 21-Nov-14 11:23

North Bottom
P411001-01 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	ND	0.10	mg/kg	1		1445028	11/07/14	11/07/14	EPA 8021B	
Toluene	ND	0.10	mg/kg	1		1445028	11/07/14	11/07/14	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1		1445028	11/07/14	11/07/14	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1		1445028	11/07/14	11/07/14	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1		1445028	11/07/14	11/07/14	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1		1445028	11/07/14	11/07/14	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1		1445028	11/07/14	11/07/14	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %		50-150		1445028	11/07/14	11/07/14	EPA 8021B	
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	ND	9.99	mg/kg	1		1445028	11/07/14	11/07/14	EPA 8015D	
Diesel Range Organics (C10-C28)	93.2	29.9	mg/kg	1		1445029	11/07/14	11/07/14	EPA 8015D	
Surrogate: o-Terphenyl		115 %		50-200		1445029	11/07/14	11/07/14	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		87.2 %		50-150		1445028	11/07/14	11/07/14	EPA 8015D	
Cation/Anion Analysis										
Chloride	469	9.86	mg/kg	1		1447020	11/19/14	11/19/14	EPA 300.0	

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Crown Quest Operating
 PO 2221
 Farmington NM, 87499

 Project Name: Chacon Jicarilla Apache D #9
 Project Number: 07151-0016
 Project Manager: Sheena Leon

 Reported:
 21-Nov-14 11:23

South Bottom
P411001-02 (Solid)

Analyte	Reporting				Batch	Prepared	Analyzed	Method	Notes
	Result	Limit	Units	Dilution					
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1445028	11/07/14	11/07/14	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1445028	11/07/14	11/07/14	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1445028	11/07/14	11/07/14	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1445028	11/07/14	11/07/14	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1445028	11/07/14	11/07/14	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1445028	11/07/14	11/07/14	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1445028	11/07/14	11/07/14	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %		50-150	1445028	11/07/14	11/07/14	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	10.0	mg/kg	1	1445028	11/07/14	11/07/14	EPA 8015D	
Diesel Range Organics (C10-C28)	203	29.9	mg/kg	1	1445029	11/07/14	11/07/14	EPA 8015D	
Surrogate: o-Terphenyl		113 %		50-200	1445029	11/07/14	11/07/14	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		87.5 %		50-150	1445028	11/07/14	11/07/14	EPA 8015D	
Cation/Anion Analysis									
Chloride	461	9.94	mg/kg	1	1447020	11/19/14	11/19/14	EPA 300.0	

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Crown Quest Operating
 PO 2221
 Farmington NM, 87499

 Project Name: Chacon Jicarilla Apache D #9
 Project Number: 07151-0016
 Project Manager: Sheena Leon

Reported:
 21-Nov-14 11:23

South Walls
P411001-03 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	ND	0.10	mg/kg	1		1445028	11/07/14	11/07/14	EPA 8021B	
Toluene	ND	0.10	mg/kg	1		1445028	11/07/14	11/07/14	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1		1445028	11/07/14	11/07/14	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1		1445028	11/07/14	11/07/14	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1		1445028	11/07/14	11/07/14	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1		1445028	11/07/14	11/07/14	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1		1445028	11/07/14	11/07/14	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		91.2 %		50-150		1445028	11/07/14	11/07/14	EPA 8021B	
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	ND	10.0	mg/kg	1		1445028	11/07/14	11/07/14	EPA 8015D	
Diesel Range Organics (C10-C28)	83.2	29.9	mg/kg	1		1445029	11/07/14	11/07/14	EPA 8015D	
Surrogate: o-Terphenyl		112 %		50-200		1445029	11/07/14	11/07/14	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		88.9 %		50-150		1445028	11/07/14	11/07/14	EPA 8015D	
Cation/Anion Analysis										
Chloride	1010	9.92	mg/kg	1		1447020	11/19/14	11/19/14	EPA 300.0	

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Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: Chacon Jicarilla Apache D #9 Project Number: 07151-0016 Project Manager: Sheena Leon	Reported: 21-Nov-14 11:23
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Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1445028 - Purge and Trap EPA 5030A

Blank (1445028-BLK1)

Prepared: 06-Nov-14 Analyzed: 07-Nov-14

Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							

Surrogate: 4-Bromochlorobenzene-PID 0.371 " 0.400 92.8 50-150

LCS (1445028-BS1)

Prepared: 06-Nov-14 Analyzed: 07-Nov-14

Benzene	20.7	0.10	mg/kg	20.0		104	75-125			
Toluene	20.3	0.10	"	20.0		102	70-125			
Ethylbenzene	20.3	0.10	"	20.0		102	75-125			
p,m-Xylene	41.8	0.20	"	40.0		105	80-125			
o-Xylene	20.3	0.10	"	20.0		102	75-125			

Surrogate: 4-Bromochlorobenzene-PID 0.380 " 0.400 95.0 50-150

Matrix Spike (1445028-MS1)

Source: P411019-01

Prepared: 06-Nov-14 Analyzed: 07-Nov-14

Benzene	21.2	0.10	mg/kg	20.0	ND	106	75-125			
Toluene	20.6	0.10	"	20.0	ND	103	70-125			
Ethylbenzene	20.9	0.10	"	20.0	ND	105	75-125			
p,m-Xylene	42.6	0.20	"	39.9	ND	107	80-125			
o-Xylene	21.1	0.10	"	20.0	ND	106	75-125			

Surrogate: 4-Bromochlorobenzene-PID 0.387 " 0.399 97.0 50-150

Matrix Spike Dup (1445028-MSD1)

Source: P411019-01

Prepared: 06-Nov-14 Analyzed: 07-Nov-14

Benzene	18.4	0.10	mg/kg	20.0	ND	92.1	75-125	14.2	15	
Toluene	18.0	0.10	"	20.0	ND	90.0	70-125	13.6	15	
Ethylbenzene	17.4	0.10	"	20.0	ND	87.1	75-125	18.4	15	D1
p,m-Xylene	39.8	0.20	"	40.0	ND	99.6	80-125	6.70	15	D1
o-Xylene	18.3	0.10	"	20.0	ND	91.3	75-125	14.6	15	

Surrogate: 4-Bromochlorobenzene-PID 0.404 " 0.400 101 50-150

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Crown Quest Operating	Project Name:	Chacon Jicarilla Apache D #9	Reported: 21-Nov-14 11:23
PO 2221	Project Number:	07151-0016	
Farmington NM, 87499	Project Manager:	Sheena Leon	

Nonhalogenated Organics by 8015 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1445028 - Purge and Trap EPA 5030A

Blank (1445028-BLK1)				Prepared: 06-Nov-14 Analyzed: 07-Nov-14						
Gasoline Range Organics (C6-C10)	ND	10.0	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.363		"	0.400		90.9	50-150			
LCS (1445028-BS1)				Prepared: 06-Nov-14 Analyzed: 07-Nov-14						
Gasoline Range Organics (C6-C10)	273	9.99	mg/kg	292		93.5	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.371		"	0.400		92.9	50-150			
Matrix Spike (1445028-MS1)				Source: P411019-01		Prepared: 06-Nov-14 Analyzed: 07-Nov-14				
Gasoline Range Organics (C6-C10)	285	9.98	mg/kg	291	13.5	93.2	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.374		"	0.399		93.8	50-150			
Matrix Spike Dup (1445028-MSD1)				Source: P411019-01		Prepared: 06-Nov-14 Analyzed: 07-Nov-14				
Gasoline Range Organics (C6-C10)	418	9.99	mg/kg	292	13.5	139	75-125	37.8	15	D1
Surrogate: 4-Bromochlorobenzene-FID	0.351		"	0.400		87.7	50-150			

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Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: Chacon Jicarilla Apache D #9 Project Number: 07151-0016 Project Manager: Sheena Leon	Reported: 21-Nov-14 11:23
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Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1445029 - DRO Extraction EPA 3550M										
Blank (1445029-BLK1)				Prepared: 06-Nov-14 Analyzed: 07-Nov-14						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: o-Terphenyl	42.9		"	40.0		107	50-200			
LCS (1445029-BS1)				Prepared: 06-Nov-14 Analyzed: 07-Nov-14						
Diesel Range Organics (C10-C28)	517	25.0	mg/kg	500		103	38-132			
Surrogate: o-Terphenyl	44.4		"	40.0		111	50-200			
Matrix Spike (1445029-MS1)				Source: P411019-01		Prepared: 06-Nov-14 Analyzed: 07-Nov-14				
Diesel Range Organics (C10-C28)	615	34.9	mg/kg	498	ND	123	38-132			
Surrogate: o-Terphenyl	50.9		"	39.9		128	50-200			
Matrix Spike Dup (1445029-MSD1)				Source: P411019-01		Prepared: 06-Nov-14 Analyzed: 07-Nov-14				
Diesel Range Organics (C10-C28)	834	34.9	mg/kg	499	ND	167	38-132	30.2	20	D1
Surrogate: o-Terphenyl	67.9		"	39.9		170	50-200			

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Crown Quest Operating
 PO 2221
 Farmington NM, 87499

 Project Name: Chacon Jicarilla Apache D #9
 Project Number: 07151-0016
 Project Manager: Sheena Leon

 Reported:
 21-Nov-14 11:23

Cation/Anion Analysis - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1447020 - Anion Extraction EPA 300.0
Blank (1447020-BLK1)

Prepared & Analyzed: 19-Nov-14

Chloride ND 9.88 mg/kg

LCS (1447020-BS1)

Prepared & Analyzed: 19-Nov-14

Chloride 469 9.87 mg/kg 493 95.1 90-110

Matrix Spike (1447020-MS1)

Source: P411001-01

Prepared & Analyzed: 19-Nov-14

Chloride 932 9.89 mg/kg 495 469 93.4 80-120

Matrix Spike Dup (1447020-MSD1)

Source: P411001-01

Prepared & Analyzed: 19-Nov-14

Chloride 963 9.81 mg/kg 490 469 101 80-120 3.32 20

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Crown Quest Operating
PO 2221
Farmington NM, 87499

Project Name: Chacon Jicarilla Apache D #9
Project Number: 07151-0016
Project Manager: Sheena Leon

Reported:
21-Nov-14 11:23

Notes and Definitions

D1 Duplicates or Matrix Spike Duplicates Relative Percent Difference exceeds control limits.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

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CHAIN OF CUSTODY RECORD

17479

Client: Crown Quest			Project Name / Location: Chacoan, Juana Maria Apache D#9			ANALYSIS / PARAMETERS															
Email results to: S. Leon			Sampler Name: S. Leon			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact		
Client Phone No.:			Client No.: 07151-0010																		
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
					HNO ₃	HCl	Other														
North Bottom	10/21/14	13:37	P411001-01	14oz glass jar			X	X	X								X			X	X
South Bottom	10/21/14	13:34	P411001-02	↓			X	X	X								X			X	X
South walls	10/21/14	13:39	P411001-03	↓			X	X	X								X			X	X
Relinquished by: (Signature) <i>Sheena</i>					Date	Time	Received by: (Signature) <i>[Signature]</i>										Date	Time			
					10/21/14	16:15											10/21/14	16:15			
Relinquished by: (Signature)							Received by: (Signature)														
Sample Matrix																					
Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																					
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																					



envirotech
Analytical Laboratory

13.1, 9.8, 8.9

10.6

Client:
CrownQuest



envirotech
(800) 932-0818 (800) 332-1870
8780 U.S. Hwy 94, Farmington, NJ 07401

Project No: 07151-0016
COC No:

FIELD REPORT: SPILL CLOSURE VERIFICATION

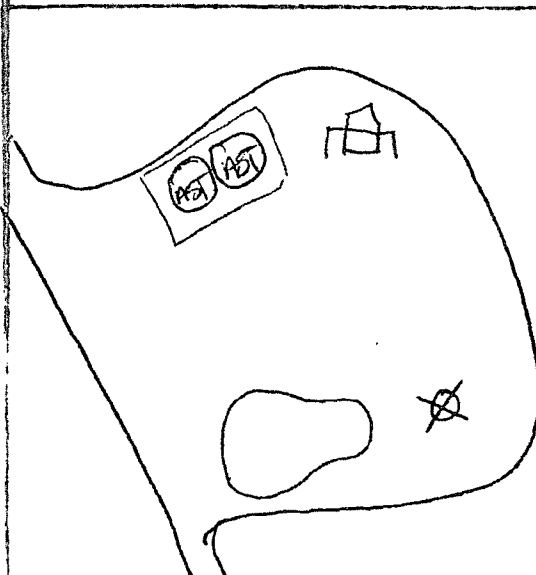
PAGE NO: 1 OF 1
DATE STARTED: 10/31/14
DATE FINISHED: 11/3/14
ENVIRONMENTAL SPECIALIST: S. Reed

LOCATION: NAME: CrownQuest WELLS: 0#9
QUAD/UNIT: SEC: TWP: RNG: PM: CNTY: ST:
QTR/FOOTAGE: CONTRACTOR:

EXCAVATION APPROX: 46 FT. X 36 FT. X 10 FT. DEEP CUBIC YARDAGE:
DISPOSAL FACILITY: REMEDIATION METHOD:
LAND USE: LEASE: LAND OWNER:
CAUSE OF RELEASE: MATERIAL RELEASED:
SPILL LOCATED APPROXIMATELY: FT. FROM
DEPTH TO GROUNDWATER: NEAREST WATER SOURCE: NEAREST SURFACE WATER:
NMOCD RANKING SCORE: NMOCD TPH CLOSURE STD: 100 PPM
SOIL AND EXCAVATION DESCRIPTION:

SAMPLE DESCRIPTION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
200ppm Sd	12:55						101	
North Bottom	13:05	1		5g	20ml	X4	40	160
South Bottom	13:15	2					98	392
South Walls	13:27	3					38	112

SPILL PERIMETER



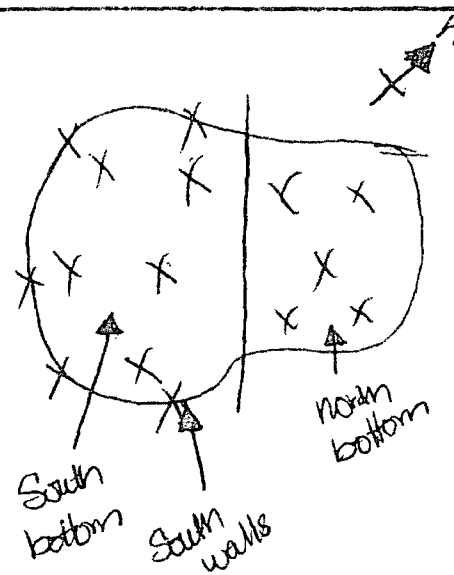
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1	0
2	8.2
3	0.2

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1	8015, 8021	13:31
2		13:34
3		13:39

SPILL PROFILE



Client: <div style="font-size: 1.5em; font-family: cursive;">Crown Quest</div>	 (800) 632-0616 (800) 362-1879 5700 U.S. Hwy 64, Farmington, NM 87401	Project No: <div style="font-size: 1.2em;">0715-0016</div> COC No:
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FIELD REPORT: SPILL CLOSURE VERIFICATION		PAGE NO: <u>1</u> OF <u>1</u>
LOCATION: NAME: <u>Chilton Jeanville Bridge</u> WELL #: <u>9</u>		DATE STARTED: <u>10/30/14</u>
QUAD/UNIT: _____ SEC: <u>23</u> TWP: <u>23N</u> RNG: <u>30PM</u> CNTY: <u>Santa Fe</u> ST: <u>NM</u>		DATE FINISHED: <u>11/3/14</u>
QTR/FOOTAGE: _____ CONTRACTOR: _____		ENVIRONMENTAL SPECIALIST: <u>S. Leon</u>

EXCAVATION APPROX:	FT.	X	FT.	X	FT. DEEP CUBIC YARDAGE:
DISPOSAL FACILITY:			REMEDICATION METHOD:		
LAND USE:		LEASE:		LAND OWNER:	
CAUSE OF RELEASE:			MATERIAL RELEASED:		

SPILL LOCATED APPROXIMATELY:	FT.	FROM	
DEPTH TO GROUNDWATER:	NEAREST WATER SOURCE:		NEAREST SURFACE WATER:
NMOC D RANKING SCORE:	NMOC D TPH CLOSURE STD:		<u>100</u> PPM
SOIL AND EXCAVATION DESCRIPTION:			

SAMPLE DESCRIPTION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
200 ppm Std	10:30						193	
South bottom	10:45	1		5g	20ml	x4	2696	10784
South walls	10:55	2					152	1002
North bottom	11:10	3					75	300
North walls	11:20	4					5	20

SPILL PERIMETER	OVM RESULTS	SPILL PROFILE																
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:10%;">SAMPLE ID</th> <th style="width:40%;">FIELD HEADSPACE PID (ppm)</th> </tr> <tr><td>1</td><td>12.2</td></tr> <tr><td>2</td><td>10.2</td></tr> <tr><td>3</td><td>2.5</td></tr> <tr><td>4</td><td>0</td></tr> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:10%;">SAMPLE ID</th> <th style="width:40%;">ANALYSIS</th> <th style="width:50%;">TIME</th> </tr> <tr> <td>4</td> <td>805, 8021</td> <td>11:24</td> </tr> </table>	SAMPLE ID	FIELD HEADSPACE PID (ppm)	1	12.2	2	10.2	3	2.5	4	0	SAMPLE ID	ANALYSIS	TIME	4	805, 8021	11:24	
SAMPLE ID	FIELD HEADSPACE PID (ppm)																	
1	12.2																	
2	10.2																	
3	2.5																	
4	0																	
SAMPLE ID	ANALYSIS	TIME																
4	805, 8021	11:24																

TRAVEL NOTES:	CALLED OUT:	ONSITE: <u>Trey Tixer</u>
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Bill of Lading

GENERATOR Koddy Productions

POINT OF ORIGIN Chaco Tr Apache D-9

TRANSPORTER ETECH

DATE 10-28-14 JOB # 07151-0016

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact

Phone

Signatures required prior to distribution of the legal document.

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Bill of Lading

MANIFEST # 49526

GENERATOR RODDY PRODUCTIONPOINT OF ORIGIN CHACON 5: C APACHE D-9TRANSPORTER E-tech

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 10-30-14 JOB # 07151-0016

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT					TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFI-4	CONT SOIL	K-4	20	—	—	663	9:35	Mike Hest
2	"	"	K-4	20	—	—	560	10:15	Mike Dean
3	"	"	K-4	20	—	—	663	12:30	Mike Hest
4	"	"	K-4	20	—	—	560	13:20	Mike Dean
5	"	"	K-4	20	—	—	663	15:50	Mike Hest
				100					
RESULTS		LANDFARM EMPLOYEE		NOTES ENTERED NOV 12 2014					
327	CHLORIDE TEST								
	PAINT FILTER TEST	2	Certification of above receipt & placement						

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact _____ Phone _____

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Bill of Lading

MANIFEST # 49537

GENERATOR EDDY PRODUCTIONPOINT OF ORIGIN CHACON JIC APACHE D-9TRANSPORTER E-techDATE 10-31-14 JOB # 07151-0016

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT					TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFII-4	CONT SOIL	I-2	20	—	—	663	9:45	Mike Dean
2	"	"	I-2	20	—	—	560	10:00	Mike Dean
3	"	"	I-2	20	—	—	663	12:35	Mike Dean
4	"	"	I-2	20	—	—	560	12:45	Mike Dean
5	"	"	I-2	20	—	—	663	15:25	Mike Dean
6	"	"	I-2	20	—	—	560	15:25	Mike Dean
				120					
RESULTS		LANDFARM EMPLOYEE		Certification of above receipt & placement		NOTES ENTERED NOV 14 2014			
CHLORIDE TEST	2								
PAINT FILTER TEST	2								

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact _____ Phone _____

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Bill of Lading

MANIFEST # 49539

GENERATOR Roddy ProductionPOINT OF ORIGIN Charon J.C. Abate D.TRANSPORTER Roberts TruckingDATE 10-31-14 JOB # 07151-00160

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT					TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFI-4	CONT SOIL	I-2	20	-	-	90	9:55	Albert Lewis
2	"	"	I-2	20	-	-	80	9:55	Lyle Marshall
3	"	"	I-2	20	-	-	90	13:00	Albert Lewis
4	"	"	I-2	20	-	-	80	13:00	Lyle Marshall
5	"	"	I-2	20	-	-	90	15:40	Albert Lewis
				100					
RESULTS									
C-289	CHLORIDE TEST	2	LANDFARM EMPLOYEE <u>[Signature]</u>			NOTES			
	PAINT FILTER TEST	2	Certification of above receipt & placement			ENTERED NOV 1 4 2015			

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact _____ Phone _____

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MANIFEST # 49589

MANIFEST # 2000
GENERATOR Roddy Productions

POINT OF ORIGIN Jic. Chocoma Apache D.

TRANSPORTER E. tech

DATE 11-4-19 JOB # 07151-0016

[illegible]

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact	Phone

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Bill of Lading

MANIFEST # 49590
GENERATOR Roddy Production
POINT OF ORIGIN Jic Chacon Apocho D-9
TRANSPORTER Roberts
DATE 11-4-14 JOB # 07151-2016

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT					TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF II 4	CONT SOIL	I-4	20	-		80	935	K. L. Ashell
2	LF II 4	CONT SOIL	I-4	20	-		90	9:43	Botby Archuleta
3	LF II 4	" "	I-4	20	-		80	1227	K. L. Ashell
4	"	" "	I-4	20	-		90	1228	Botby Archuleta
5	"	" "	I-4	20	-		80	1523	K. L. Ashell
6	"	" "	I-4	20	-		90	1536	Botby Archuleta
				120					
RESULTS		LANDFARM EMPLOYEE		Garry Robinson EL		NOTES ENTERED NOV 14 2014			
< 289	CHLORIDE TEST	2							
	PAINT FILTER TEST	2	Certification of above receipt & placement						

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact Jimmy E. Cook Phone _____

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Bill of Lading

GENERATOR Roddy Production

POINT OF ORIGIN Chacón Tic Apoche D-9

TRANSPORTER Etech

DATE 11-5-14 JOB # 07151-0016

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact Jimmy M. E. Tech

Phone

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MANIFEST # 49611

GENERATOR Roddy Productions

POINT OF ORIGIN Chachon, J. & Apache D.

TRANSPORTER Roberts

DATE 11.5.14 JOB # 07151-0016

[illegible]

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact Jimmy M. E. Pech Phone _____

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Bill of Lading

MANIFEST # 49636

GENERATOR RODDY PRODUCTIONPOINT OF ORIGIN CHACON JIC APACHE D-9TRANSPORTER E techDATE 11-6-14 JOB # 07157-0016

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT					TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
2	LFH-4	cont Soil	K-2	20	—	—	659	9:40	Mike Hyst
2	"	"	K-2	20	—	—	659	13:40	Mike Hyst
3	"	"	K-2	20	—	—	659	15:45	Mike Hyst
				60					
RESULTS			LANDFARM EMPLOYEE		NOTES				
289	CHLORIDE TEST	1	Certification of above receipt & placement		ENTERED NOV 14 2014				
	PAINT FILTER TEST	1							

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact _____ Phone _____

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