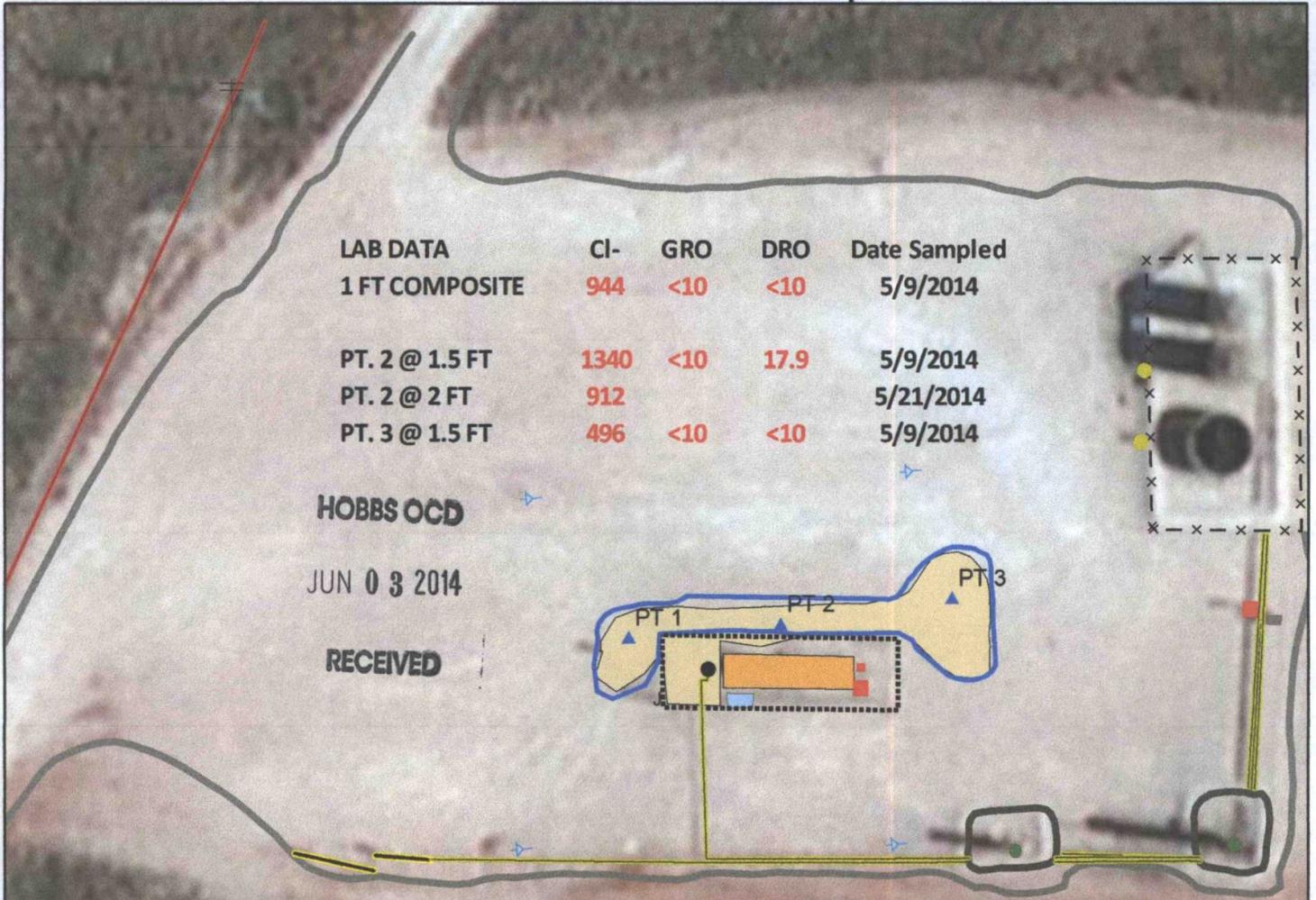


Excavation Map



Legend

- CONTROL BOX
- ⚡ DEADMAN
- ⊥ ELECTRIC POLE
- ELECTRICAL BOX
- WELLHEAD
- CONTAINMENT
- ⊗ — ⊗ BARBED WIRE FENCE
- BERM
- ⋯ CHAIN LINK FENCE
- OVERHEAD ELECTRIC LINE
- PAD/ROAD EDGE
- RISER
- SURFACE PIPELINE
- SCRAPE @ 1 FT
- CHEMICAL TANK
- PUMP
- PUMPJACK
- STAIN (1,688 sq ft)
- TREATER

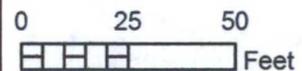
Landowner: Apache
DGW: 54 FT

Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



APACHE PLOW BOY FEDERAL #1

Legals: UL/J sec. 35
T-19-S R-38-E
LEA COUNTY, NM



GPS date: 5/9/14 KH
Drawing date: 5/29/14
Drafted by: T. Grieco/L. Weinheimer

30 625 36962

Excavation Map

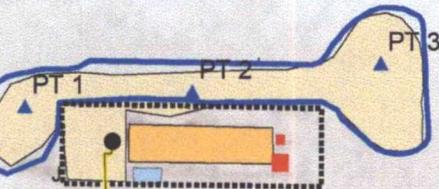
JUN 23 2014

RECEIVED

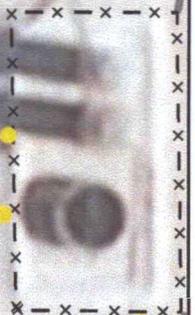
LAB DATA
1 FT COMPOSITE CI- 944 GRO <10 DRO <10 Date Sampled 5/9/2014

Point 2				
	CI-	PID	GRO	DRO
Surface	3257	235		
0.5 FT	1272	1.3		
1 FT	1067	2.3		
1.5 FT	1340	1.5	<10	17.9
2 FT	912	1.8		
2.5 FT	489	1.8		
3 FT	570	1.3		
3.5 FT	481	1		
4 FT	426	1.2		
4.5 FT	445	2		
5 FT	471	1.4		
5.5 FT	495	1.4		
6 FT	608	1.9		

Point 1				
	CI-	PID	GRO	DRO
Surface	2377	43.5		
0.5 FT	706	2.8		
1 FT	490	2		
1.5 FT	160	1.3	<10	<10
2 FT	240	2.4	<10	<10



Point 3				
	CI-	PID	GRO	DRO
Surface	2493	68.6		
0.5 FT	874	2.8		
1 FT	929	2.4		
1.5 FT	496	1.9	<10	17.9
2 FT	826	1.7		
2.5 FT	826	2.3		
3 FT	714	1		
3.5 FT	647	1.8		
4 FT	552	1.3		
4.5 FT	542	2.4		
5 FT	415	1.6		
5.5 FT	408	1.7		
6 FT	192	1.2		
6.5 FT	224	1.1		



Legend

- CONTROL BOX
- ⚡ DEADMAN
- ⊥ ELECTRIC POLE
- ELECTRICAL BOX
- WELLHEAD
- CONTAINMENT
- × - × BARBED WIRE FENCE
- BERM
- ⋯ CHAIN LINK FENCE
- OVERHEAD ELECTRIC LINE
- PAD/ROAD EDGE
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- SURFACE PIPELINE
- ▭ SCRAPE @ 1 FT
- ▭ CHEMICAL TANK
- ▭ PUMP
- ▭ PUMPJACK
- ▭ STAIN (1,688 sq ft)
- ▭ TREATER

Landowner: Apache
DGW: 54 FT

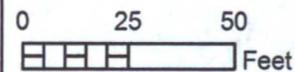
Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



APACHE PLOW BOY FEDERAL #1

Legals: UL/J sec. 35
T-19-S R-38-E
LEA COUNTY, NM

Called on person
further delineation
of SP2 - reservation
NMP-0-01951
6/24/14
Steve John



GPS date: 5/9/14 KH
Drawing date: 6/20/14
Drafted by: T. Grieco/L. Weinheimer

May 28, 2014

BRUCE BAKER

APACHE - EUNICE

P. O. BOX 1849

EUNICE, NM 88231

HOBBS OCD

JUN 23 2014

RECEIVED

RE: PLOW BOY FED #1

Enclosed are the results of analyses for samples received by the laboratory on 05/21/14 15:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

 Received: 05/21/2014
 Reported: 05/28/2014
 Project Name: PLOW BOY FED #1
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 05/21/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 2 @ 2' (H401562-01)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	05/23/2014	ND	416	104	400	0.00	

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

Notes and Definitions

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

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

June 19, 2014

BRUCE BAKER

APACHE - EUNICE

P. O. BOX 1849

EUNICE, NM 88231

RE: PLOW BOY FED #1

Enclosed are the results of analyses for samples received by the laboratory on 06/12/14 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

 Received: 06/12/2014
 Reported: 06/19/2014
 Project Name: PLOW BOY FED #1
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/12/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 2 @ 6' (H401798-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	06/18/2014	ND	416	104	400	0.00	

Sample ID: PT. 3 @ 6' (H401798-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/18/2014	ND	416	104	400	0.00	

Sample ID: PT. 3 @ 6.5' (H401798-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/18/2014	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 06/12/2014
 Reported: 06/19/2014
 Project Name: PLOW BOY FED #1
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/12/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 1 @ 1.5' (H401798-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/18/2014	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	06/19/2014	ND	207	104	200	7.29		
DRO >C10-C28	<10.0	10.0	06/19/2014	ND	216	108	200	8.55		

Surrogate: 1-Chlorooctane 106 % 65.2-140

Surrogate: 1-Chlorooctadecane 124 % 63.6-154

Sample ID: PT. 1 @ 2' (H401798-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	06/18/2014	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	06/19/2014	ND	207	104	200	7.29		
DRO >C10-C28	<10.0	10.0	06/19/2014	ND	216	108	200	8.55		

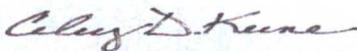
Surrogate: 1-Chlorooctane 97.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 114 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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RPD	Relative Percent Difference
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***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

