Excavation Map

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	LAB DATA 1 FT COMPOSITE	CI- GRO 944 <10	DRO <10	Date Sampled 5/9/2014	x-x-;	× -
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Excavation Map

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CONTROL BOX DEADMAN ELECTRIC POLE ELECTRICAL BOX WELLHEAD	 × BARBED W BERM CHAIN LINI OVERHEAI PAD/ROAD RISER 	K FENCE D ELECT D EDGE PIPELINI 0 1 FT	E RIC LII	NE	2 FT 2.5 FT 3 FT 3.5 FT 4 FT 4.5 FT 5 FT 5.5 FT	826 826 714 647 552 542 415 408	1.7 2.3 1 1.8 1.3 2.4 1.6 1.7	10 1	7.9		
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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 28, 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 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 accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager

Page 1 of 4

HOBBS OCD JUN 2 3 2014

RECEIVED

CARDINAL



Analytical Results For:

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

Received:	05/21/2014	Sampling Date:	05/21/2014	
Reported:	05/28/2014	Sampling Type:	Soil	
Project Name:	PLOW BOY FED #1	Sampling Condition:	Cool & Intact	
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson	
Project Location:	NOT GIVEN			

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

Chloride, SM4500Cl-B mg/kg			Analyze	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 dient's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by dient for analyses. All daims, inducing 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 incidential or consequential damages, inducing, 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. Kune

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 4



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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-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

PLEASE NOTE: Liability and Damages. Cardinal's liability and dient's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by dient for analyses. All daims, inducing 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 incidential or consequential damages, inducing, without limitation, business interruptions, loss of use, or loss of profits incurred by dient, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such daim 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. Kune

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 4

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES

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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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager

Page 1 of 5



Analytical Results For:

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

Received:	06/12/2014	Sampling Date:	06/12/2014	
Reported:	06/19/2014	Sampling Type:	Soil	
Project Name:	PLOW BOY FED #1	Sampling Condition:	Cool & Intact	
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson	
Project Location:	NOT GIVEN			

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

Chloride, SM4500Cl-B mg/kg		Analyze	d 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, SM4500Cl-B mg/kg		Analyze	d 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, SM4500Cl-B	mg/kg Analyzed By: HM			d 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	

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Analytical Results For:

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

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

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

Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	% 65.2-14	0		1.1				
Surrogate: 1-Chlorooctadecane	124	% 63.6-15	4						

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

Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d By: MS				de to	
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	% 65.2-14	0						1. 1. 1
Surrogate: 1-Chlorooctadecane	114 9	63.6-15	4						

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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 SM4500CI-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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ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

Project Manager: Company Name: Project #: city: Hobbs H401798 Sampler Name: Kyle Humphrey Project Location: Project Name: Phone #: Address: Lab I.D. FOR LAB USE ONLY SEW •+. Pt. 2 P+.2 P + . 2 (9) C'+ d 505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020 Ap_ che Bruce D 5 2 Sample I.D. D 0 6 3 0 0 is Doy Baker F+ ft. Fax #: Project Owner: 5+ State: NM F+. 5+ Fed Zip: 88240 99 5 G (G)RAB OR (C)OMP - # CONTAINERS . ---# GROUNDWATER 4 WASTEWATER MATRIX SOIL 2259 5 OIL SLUDGE P.O. #: State: City: Attn: OTHER Phone #: Fax #: Address: Company: ACID/BASE PRESERV CE/COOL < BILL TO OTHER 612-19 6-12-N 6-12-N Zip 6-12-N 6-12- N SAMPLING DATE 4:20 20:6 9:25 9:15 9:10 TIME Chlorides TPH 8015 M BTEX Texas TPH ANALYSIS REQUEST Complete Cations/Anions TDS

scatterie Relinquished By: LEASE NOTE: Liability and hysex All claims including those for negligence and any other fice. In no event shall Cardinal be liable for incluental or corase shak be deemed In writing and received by C riterruptions, loss of use, or int, be invited to instantant paid by the cleast for the Cardinal within 30 days plan completion of the applet (loss of profile incurred by client, its subsidiaries, Phone Result: Fax Result: REMARKS: by the client for the ic atale O Yes 12 No

Relinquished By Delivered By: (Circle One) rand the ~ Timen : Time: Date: 012110 00 Received By: Rec eived By 9

email results

Add'l Phone # Add'l Fax #:

Cool Latact Sample Condition CHEC Khumphrey@rice-ecs.com Kjones@riceswd.com; jkamplain@rice-ecs.com hconder@rice-ecs.com; Knorman@rice-ecs.com sedwards@rice-ecs.com,lflores@rice-ecs.com Lweinheimer@rice-ecs.com

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2406

Sampler - UPS - Bus - Other:

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