

Analytical Report- H301570-01 (Cardinal)	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	Chlorides
C00.5	Pooling Area	7/2/2013	Comp/Shovel	6"	<0.30	<10.0	<10.0	144

Site Ranking is Twenty (20). Depth to Ground Water < 50' (approx. 40', per NMOSE).

All results are ppm. X - Sample Points

Released : 48 B/PW; Recovered: 130 B/PW & B/FW Mix. Release Date: 6/20/2013



Louise AYI #2
 30-015-33938
 Section 25, T21S-R26E
 Eddy County, NM

SAMPLE DIAGRAM(Not to Scale)

Prepared by Robert Asher
 Environmental Regulatory Agent

July 11, 2013

ROBERT ASHER

YATES-PETROLEUM CORPORATION

105 S 4th Street

Artesia, NM 88210

RE: LOUISE AYI #2

Enclosed are the results of analyses for samples received by the laboratory on 07/03/13 9:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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,



Caley D. Keene

Lab Director/Quality Manager

Analytical Results For:

 YATES PETROLEUM CORPORATION
 ROBERT ASHER
 105 S 4th Street
 Artesia NM, 88210
 Fax To: (505) 748-4635

Received:	07/03/2013	Sampling Date:	07/02/2013
Reported:	07/11/2013	Sampling Type:	Soil
Project Name:	LOUISE AYI #2	Sampling Condition:	Cool & Intact
Project Number:	30-015-33938	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY		

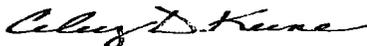
Sample ID: C00.5 (H301570-01)

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	07/09/2013	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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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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Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Robert Asher

Company Address: 105 South 4th Street

City/State/Zip: Artesia, NM 88210

Telephone No: 575-748-4217

Sampler Signature: *Robert Asher*

ORDER #: H301570

(lab use only)

Fax No:
 e-mail: *bob@yatespetroleum.com*

Report Format: Standard TRRP NPDES

Project Name: Louise A/Y1 #2

Project #: 30-015-33938

Project Loc: Eddy County

PO #: 103632

Analyze For:

TCLP:

TOTAL:

Metals: As Ag Ba Cd Cr Pb Hg Se

Volatiles

Semivolatiles

BTEX 8021B/5030 or BTEX 8260

RCI

N.O.R.M.

LAB # (lab use only)

C00 5

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total # of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH: 418.1 8015M 8016B

TPH: TX 1005 TX 1006

Cations (Ca, Mg, Na, K)

Anions (Cl)

SAR / ESP / CEC

Metals: As Ag Ba Cd Cr Pb Hg Se

Volatiles

Semivolatiles

BTEX 8021B/5030 or BTEX 8260

RCI

N.O.R.M.

RUSH TAT (Pre-Schedule) 24, 48, 72 hrs

Standard TAT

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	TPH: 418.1 8015M 8016B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT		
C00 5		6"	6"	7/22/2013	11:15 AM		1	X																									

Special Instructions:

Please put Chlorides on separate report. ALL results in mg/kg. Thank you.

Relinquished by:

Robert Asher

Date: 07/02/13

Time:

Received by:

Bob Asher

Date: 7/23/13

Time: 9:30

Laboratory Comments:

VOCS Free of Headspace?

Sample Containers Sealed?

Labels on Containers?

Custody seals on containers?

Seals on Containers?

Sample Hand Delivered by Sampler/Client Rep.?

Temperature Upon Receipt