

GRC04



COVER LETTER

August 03, 2004

Steve Morris
Giant Refining Co
Rt. 3 Box 7
Gallup, NM 87301
TEL: (505) 722-3833
FAX (505) 722-0210

RE: EP-1 New Well

Order No.: 0407300

Dear Steve Morris:

Hall Environmental Analysis Laboratory received 1 sample on 7/29/2004 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager



Hall Environmental Analysis Laboratory

Date: 03-Aug-04

CLIENT: Giant Refining Co
 Lab Order: 0407300
 Project: EP-1 New Well
 Lab ID: 0407300-01

Client Sample ID: EP-1-New Well
 Collection Date: 7/28/2004 8:00:00 AM
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	2	8/2/2004 8:46:10 PM
Toluene	ND	1.0		µg/L	2	8/2/2004 8:46:10 PM
Ethylbenzene	1.5	1.0		µg/L	2	8/2/2004 8:46:10 PM
Xylenes, Total	3.4	1.0		µg/L	2	8/2/2004 8:46:10 PM
Surr: 4-Bromofluorobenzene	105	74-118		%REC	2	8/2/2004 8:46:10 PM

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Hall Environmental Analysis Laboratory

Date: 03-Aug-04

CLIENT: Giant Refining Co
 Work Order: 0407300
 Project: EP-1 New Well

QC SUMMARY REPORT
 Method Blank

Sample ID	Reagent Blank 5m	Batch ID: R12630	Test Code: SW8021	Units: µg/L	Analysis Date 8/2/2004 8:00:14 AM	Prep Date						
Client ID:			Run ID: PIDFID_040802A		SeqNo: 292874							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Benzene	ND	0.5										
Toluene	ND	0.5										
Ethylbenzene	ND	0.5										
Xylenes, Total	ND	0.5										
Surr: 4-Bromofluorobenzene	20.61	0	20	0	103	74	118	0				

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Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory

Date: 03-Aug-04

CLIENT: Giant Refining Co
 Work Order: 0407300
 Project: EP-1 New Well

QC SUMMARY REPORT
 Laboratory Control Spike - generic

Sample ID	BTEX Std 100ng	Batch ID: R12630	Test Code: SW8021	Units: µg/L	Analysis Date	8/2/2004 9:00:53 AM	Prep Date					
Client ID:			Run ID: PIDFID_040802A			SeqNo: 292886						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Benzene	19.36	0.5	20	0	96.8	81.3	121	0				
Toluene	20.52	0.5	20	0	103	84.9	118	0				
Ethylbenzene	20.4	0.5	20	0	102	53.8	149	0				
Xylenes, Total	61.56	0.5	60	0	103	83.1	122	0				

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Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory

Sample Receipt Checklist

Client Name GIANTREFIN

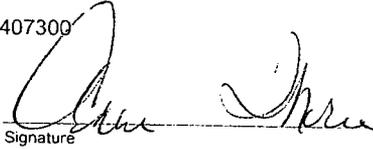
Date and Time Received:

7/29/2004

Work Order Number 0407300

Received by AT

Checklist completed by


Signature

7/29/04
Date

Matrix

Carrier name FedEx

- | | | | | |
|---|---|--|---|--------------------------------------|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> | |
| Custody seals intact on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> | Not Shipped <input type="checkbox"/> |
| Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | N/A <input type="checkbox"/> | |
| Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Water - VOA vials have zero headspace? | No VOA vials submitted <input type="checkbox"/> | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Water - pH acceptable upon receipt? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> | |
| Container/Temp Blank temperature? | 8° | 4° C ± 2 Acceptable
If given sufficient time to cool. | | |

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

