

CIMAREX ENERGY
GTO-10-ST#1
UL-E-SEC. 10, T155, R36E
API# 30-025-36260

GW-81'

AM

QC Batch 31693

Analysis Date: 2006-11-08 at 17:21:00.260350
Analyzed By: Sabrina Multer
Prep Batch: 27607

Instrument: N/A
Location: Lubbock

Sample	Param	Result	Units	Dilution	MDL	Rec	RPD
1 ICV - 1	Chloride	99.2	mg/Kg	1	0.5	99	
2 Method Blank - 1	Chloride	<0.500	mg/Kg	1	0.5		
3 LCS - 1	Chloride	106	mg/Kg	1	0.5	106	
4 LCSD - 1	Chloride	104	mg/Kg	1	0.5	104	2
5 108257 (soil)	Chloride	19.2	mg/Kg	1	0.5		0
6 108258 (soil)	Chloride	33.6	mg/Kg	1	0.5		0
7 108259 (soil)	Chloride	48.5	mg/Kg	1	0.5		0
8 108260 (soil)	Chloride	61.1	mg/Kg	1	0.5		0
9 108261 (soil)	Chloride	29.3	mg/Kg	1	0.5		0
10 108262 (soil)	Chloride	0.589	mg/Kg	1	0.5		0
11 MS - 1	Chloride	105	mg/Kg	1	0.5	105	
12 MSD - 1	Chloride	102	mg/Kg	1	0.5	102	3
13 CCV - 1	Chloride	101	mg/Kg	1	0.5	101	

BACKFILL APPROVED 11.8.06
OCD [Signature]



QC Batch 31686

Analysis Date: 2006-11-08 at 14:12
Analyzed By: Kim Bouldin
Prep Batch: 27603

Instrument: BTEX-2
Location: Lubbock

MY
11/8/06

Sample	Dilution	GRO (ppm)	TFT (ppm)	4-BFB (ppm)
1 ICV - 1	1	1.06	-	-
2 Method Blank - 1	1	2.52	1.07	1.00
3 LCS - 1	1	10.6	1.00	1.09
4 LCSD - 1	1	11.4	1.03	1.09
5 108257 (soil)	1	<0.121	1.14	1.18
6 108258 (soil)	1	<0.121	1.10	1.12
7 108259 (soil)	1	<0.121	1.16	1.22
8 108260 (soil)	1	<0.121	1.10	1.10
9 108261 (soil)	1	<0.121	1.17	1.19
10 108262 (soil)	1	<0.121	1.25	1.26
11 CCV - 1	1	1.02	-	-

QC Batch 31673

DRO SOIL

Analysis Date: 2006-11-08 at 16:22:16.830754

Instrument: TPH-2

Analyzed By: Susan Poston

Location: Lubbock

Prep Batch: 27593

Sample	Dilution	DRO (ppm)	C30 (ppm)
1 ICV - 1	1	251	-
2 Method Blank - 1	1	<7.28	189
3 LCS - 1	1	292	173
4 LCSD - 1	1	276	186
5 108257 (soil)	1	<7.28	178
6 108258 (soil)	1	<7.28	185
7 MS - 1	1	246	154
8 MSD - 1	1	252	164
9 108259 (soil)	1	<7.28	187
10 108260 (soil)	1	<7.28	184
11 108261 (soil)	1	<7.28	189
12 108262 (soil)	1	<7.28	175
13 CCV - 1	1	282	-

QC Batch 31684**Analysis Date:** 2006-11-08 at 14:12**Instrument:** BTEX-2**Analyzed By:** Kim Bouldin**Location:** Lubbock**Prep Batch:** 27603*MT*
11/8/06

Sample	Dilution	MTBE (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)	TFT (ppm)	4-BFB (ppm)
1 ICV - 1	1	0.0977	0.0912	0.0946	0.0936	0.274	-	-
2 Method Blank - 1	1	<0.00212	<0.00159	<0.00220	<0.00201	<0.00176	0.927	0.754
3 LCS - 1	1	0.987	0.911	0.909	0.904	2.65	0.914	0.830
4 LCSD - 1	1	1.03	0.944	0.975	0.960	2.81	0.954	0.879
5 108257 (soil)	1	<0.00212	<0.00159	<0.00220	<0.00201	0.00640	1.02	0.939
6 108258 (soil)	1	<0.00212	<0.00159	<0.00220	<0.00201	<0.00176	0.977	0.888
7 108259 (soil)	1	<0.00212	<0.00159	<0.00220	<0.00201	<0.00176	1.04	0.979
8 108260 (soil)	1	<0.00212	<0.00159	<0.00220	<0.00201	<0.00176	0.969	0.879
9 108261 (soil)	1	<0.00212	<0.00159	<0.00220	<0.00201	<0.00176	1.04	0.942
10 108262 (soil)	1	<0.00212	<0.00159	<0.00220	<0.00201	0.0249	1.12	1.00
11 CCV - 1	1	0.0954	0.0918	0.0971	0.0939	0.273	-	-

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 6110831

Company Name: CIMAREX Energy Phone #: 505-628-3447
Address: (Street, City, Zip) 207 S MESA, CARLSBAD, NM 88220 Fax #: 505-628-3566
Contact Person: DORSEY ROGERS E-mail:
Invoice to: (If different from above) FAX OR E-MAIL TO PHOENIX ENVIRONMENTAL LLC
Project #: GTD-10-ST-1 Project Name:
Project Location (including state): LEA, CO, N.M. Sampler Signature: [Signature]

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD					SAMPLING		MTBE 8021B / 602 / 8260B / 624	BTX 8021B / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	CL - chlon	FAX SDS-39	E.A. Hays	Turn Around Time if different from standard	Hold
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE																						
108259	1-NW 1/4 @ 4'	1	402	X						X		11-8-06	900	X	X																					
58	2-NE 1/4 @ 4'	1	}	X						X			920	X	X																					
59	3-CENTER 1/4 @ 4'	1		X						X			950	X	X																					
60	4-SW 1/4 @ 4'	1		X						X			1015	X	X																					
61	5-S 1/2 @ 4'	1		X						X			1040	X	X																					
62	6-BACK 200' @ 6"	1	↓	X						X		✓	1100	X	X																					

Relinquished by: [Signature] Date: 11-8-06 Time: 11:20
Received by: _____ Date: _____ Time: _____
Relinquished by: [Signature] Date: 11-8-06 Time: 3:00
Received by: _____ Date: _____ Time: _____
Relinquished by: _____ Date: _____ Time: _____
Received at Laboratory by: [Signature] Date: 11-8-06 Time: 3:00

LAB USE ONLY

Intact [Signature]
Headspace Y / N
Temp 4
Log-In-Review 88

REMARKS:

505-393-0143

- ☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Carrier # CARRY