REMEDIATION PROPOSAL

BRUNSON ARGO TANK BATTERY #6

NMOCD REF. #1RP1304
EPI REF: 200131

UL-F (SE¼ OF THE NW¼) OF SECTION 10, T22S, R37E
~6 MILES SOUTHEAST OF LOVINGTON
LEA COUNTY, NEW MEXICO
LATITUDE: N 32° 24' 32.09" LONGITUDE: W 103° 09' 13.11"

JULY 2007

PREPARED BY:

ENVIRONMENTAL PLUS, INC.
2100 AVENUE O
EUNICE, NEW MEXICO 88231

PREPARED FOR:

Chevron

ENVIRONMENTAL PLUS, INC.
CONSULTING AND REMEDIAL CONSTRUCTION

31 July 2007

Mr. Larry Johnson
Environmental Engineer
New Mexico Oil Conservation Division
1625 North French Drive
Hobbs, New Mexico 88240

RE: Remediation Proposal
Chevron USA – Brunson Argo Tank Battery #6
UL-F SE ¼ of the NW ¼ Section 10, T 22 S, R 37 E
Latitude: 32° 24' 32.09"; Longitude: 103° 09' 13.11"
NMOCD Ref. #1RP-1304; EPI Ref. #200131

Dear Mr. Johnson:

This letter report addresses remediation of an abandoned, decommissioned Tank Battery facility. Soil impacts are historically in nature with no data indicating date of release, volume and nature of release fluid or efforts to remediate the release area(s).

Site Background

The Site is located in UL-F SE ¼ of the NW ¼ of Section 10, T22S, R37E at an elevation of approximately 3405, feet above mean sea level (amsl). The property is owned by the Priscilla Brunson Moody Estate (c/o Mr. Charles James Moody). A search for water wells was completed utilizing the New Mexico Office of the State Engineers website and a database maintained by the United States Geological Survey (USGS). One (1) well (USGS #1) exist within a 1,000 feet radius of the release site. No surface water exists within a 1,000-foot radius of the release area (reference *Figure 2*). Groundwater data taken from domestic and USGS water wells within a one (1) mile radius indicates an average water depth of approximately sixty-six (66) feet below ground surface (bgs). Based on available information, it was determined the distance between impacted soil and groundwater is less than forty-one (41) feet. Utilizing this information, New Mexico Oil Conservation Division (NMOCD) Remedial Goals for this Site were determined as follows:

Parameter	Remedial Goal
Benzene	10 parts per million
BTEX	50 parts per million
TPH	100 parts per million

*Chloride residuals may not be capable of impacting local Groundwater above NMWQCC Standard of 250 mg/L

P O BOX 1558 ••• 2100 AVENUE O ••• EUNICE, NEW MEXICO 88231
TELEPHONE 505•394•3481 ••• FAX 505•394•2601

ENVIRONMENTAL PLUS, INC.

Field Work

On April 27, 2007 EPI mobilized at the tank battery to direct the location and depth of five (5) soil borings. Four (4) soil borings were advanced within confines of the former tank battery area and a fifth (5^{th}) approximately one hundred forty-seven (147) feet northwest for background reference data (reference *Figure 5*). During advancement of soil borings, soil samples were collected at two (2) foot and five (5) foot intervals initially, then at five (5) foot increments thereafter to total depth (TD) of the soil boring. Information regarding lithology of soil borings is provided in Attachment III, *Soil Boring Logs*.

Sampling Information

Soil samples were collected from a portable auger rig utilizing a hollow core stem (Split Spoon Method). Upon collecting each soil sample, a portion was immediately placed into laboratory provided container(s), labeled and set on ice for transportation to an independent laboratory for quantification of BTEX (benzene, toluene, ethylbenzene and total xylenes); Total Hydrocarbons [Carbon Ranges (C6-C12), Carbon Ranges (C12-C28) and Carbon Ranges (C28-C35)]; sulfate and chloride concentrations.

The other portion of the soil sample was analyzed in the field for the following:

Organic Vapor Concentrations – A portion of each soil sample was inserted into a self-sealing polyethylene bag to allow volatilization of organic vapors. After samples equilibrated to ~70° F, they were analyzed for organic vapor concentrations utilizing a MiniRae® Photoionization Detector (PID) equipped with a 10.6 electron volt (eV) lamp and calibrated for benzene response.

Chloride Concentrations – A portion of each soil sample collected was tested utilizing a LaMotte Chloride Test Kit (titration method).

Analytical Data

Field analyses for organic vapor concentrations ranged from 0.0 ppm (several locations) to 600 ppm (SB6-4 @2-feet bgs). Chloride concentrations in SB6-1 ranged from 800 mg/kg (5- ft bgs) to 320 mg/Kg (10- ft bgs), SB6-2 from 400 mg/Kg (2- ft bgs) to 160 mg/Kg (10-ft bgs), SB6-3 from 1,600 mg/Kg (20-ft bgs) to 160 mg/Kg (2-ft bgs), SB6-4 from 1,680 mg/Kg (15-ft bgs) to 160 mg/Kg (25-ft bgs) and background reference SB5-5 from 200 mg/Kg (2-ft bgs) to 160 mg/Kg (10-ft bgs) (reference *Table 2*).

Laboratory analytical results indicated BTEX and TPH concentrations were not at or above laboratory analytical method detection limits (MDL) for soil borings SB6-1, SB6-2, SB6-3 and SB5-5 (background reference). BTEX concentrations in SB6-4 ranged 0.0366 mg/Kg (SB-4 @2-ft bgs) to 0.0328 mg/Kg (5-ft bgs). TPH concentrations in SB6-4 ranged from 2,175 mg/Kg (2-ft bgs) to <30.0 mg/Kg (10- to 25-ft bgs). Chloride concentrations in SB6-1 ranged from 487 mg/Kg (5- ft bgs) to 18.4 mg/Kg (2-ft bgs), SB6-2 from 170 mg/Kg (2-ft bgs) to 16.8 mg/Kg (10-ft bgs), SB6-3 from 1,100 mg/Kg (15-ft bgs) to 39.4 mg/Kg (2-ft bgs), SB6-4 from 1,050 mg/Kg (15-ft bgs) to 8.92 mg/Kg (2-ft bgs) and SB5-5 from 64.2 mg/Kg (2-ft bgs) to 37.6 mg/Kg (5-ft bgs) (reference *Figure 2*).

Site Remedial Proposal

Based on field analyses and laboratory analytical results, the release area soil is chloride impacted. However, residual chloride concentrations diminish with vertical depth (reference *Table 3*) and are confined to a relatively small area. With groundwater approximately forty-one (41) feet bgs, natural attenuation will reduce chloride concentrations during migration. In view of this, it is recommended caliche from the production well and tank battery pads be excavated vertically to existing ground surface (~3.5-ft bgs). Horizontal limits will extend ten (10) feet east and entire length of the original tank battery confines. This material will not be replaced. Existing impacted soil will be excavated a minimum depth of seven (7) vertical feet. Excavation on the east side shall commence five (5) horizontal feet west of the production well caliche pad. The south edge will be excavated to within five (5) horizontal feet of an existing meter run. West and north sides will be excavated laterally until field analyses verified by laboratory analytical results indicate sidewalls are below remedial threshold goals of 250 mg/Kg. All excavated impacted soil and caliche will be disposed at a state approved disposal facility.

Although chloride impacted soil above remedial threshold goals exists in the bottom of the excavation, removal of additional impacted soil below the proposed seven (7) vertical foot depth may not be performance or cost effective. Therefore, EPI recommends installation of a 20-mil thick polyethylene liner in the entire bottom area. Exact dimensions of the polyethylene barrier will be determined in the field, but will be sufficient in size for contiguous covering of impacted areas (i.e., polyethylene liner will be continuous throughout the impacted areas and not "piecemealed"). The polyethylene barrier will be sandwiched between one (1) foot layers of cushion sand or clean topsoil free of deleterious material, rocks or large clumps. After installation of the polyethylene liner and protective cushions, the excavation is to be backfilled with clean topsoil to original ground surface. The west side of the production well caliche pad will be sloped (3:1) to prevent erosion of caliche material onto the remedial area. Disturbed areas will be contoured to allow natural drainage, disked and seeded with a blend approved by the property owner.

Should you have any technical questions or concerns, please contact me at (505) 394-3481 or via email at dduncan@envplus.net. Upon approval, EPI will initiate remedial phase of the project. Official correspondence and communications should be submitted to Mr. Billy Anderson, Chevron USA, at (505) 394-1237 (office), (505) 441-5438 (cellular) or via email at BillyAnderson@chevron.com.

Sincerely,

ENVIRONMENTAL PLUS, INC.

David P. Duncan
Civil Engineer

Cc: Billy A. Anderson, HES Specialist, Chevron USA, Eunice, NM
Charles James Moody, Estate Executor, Eugene, Or.
File

Encl: Figure 1 – Area Map
Figure 2 – Site Location Map
Figure 3 – Site Map
Figure 4 – Groundwater Gradient Map
Figure 5 – Soil Boring Location Map
Table 1 – Well Data
Table 2 – Summary of Soil Boring Field Analyses and Laboratory Analytical Results
Attachment I – Site Photographs
Attachment II – Laboratory Analytical Results and Chain-of-Custody Form
Attachment III – Soil Boring Logs
Attachment IV – Information and Metrics
Copy of Initial NMOCD Form C-141

ENCLOSURES

FIGURES

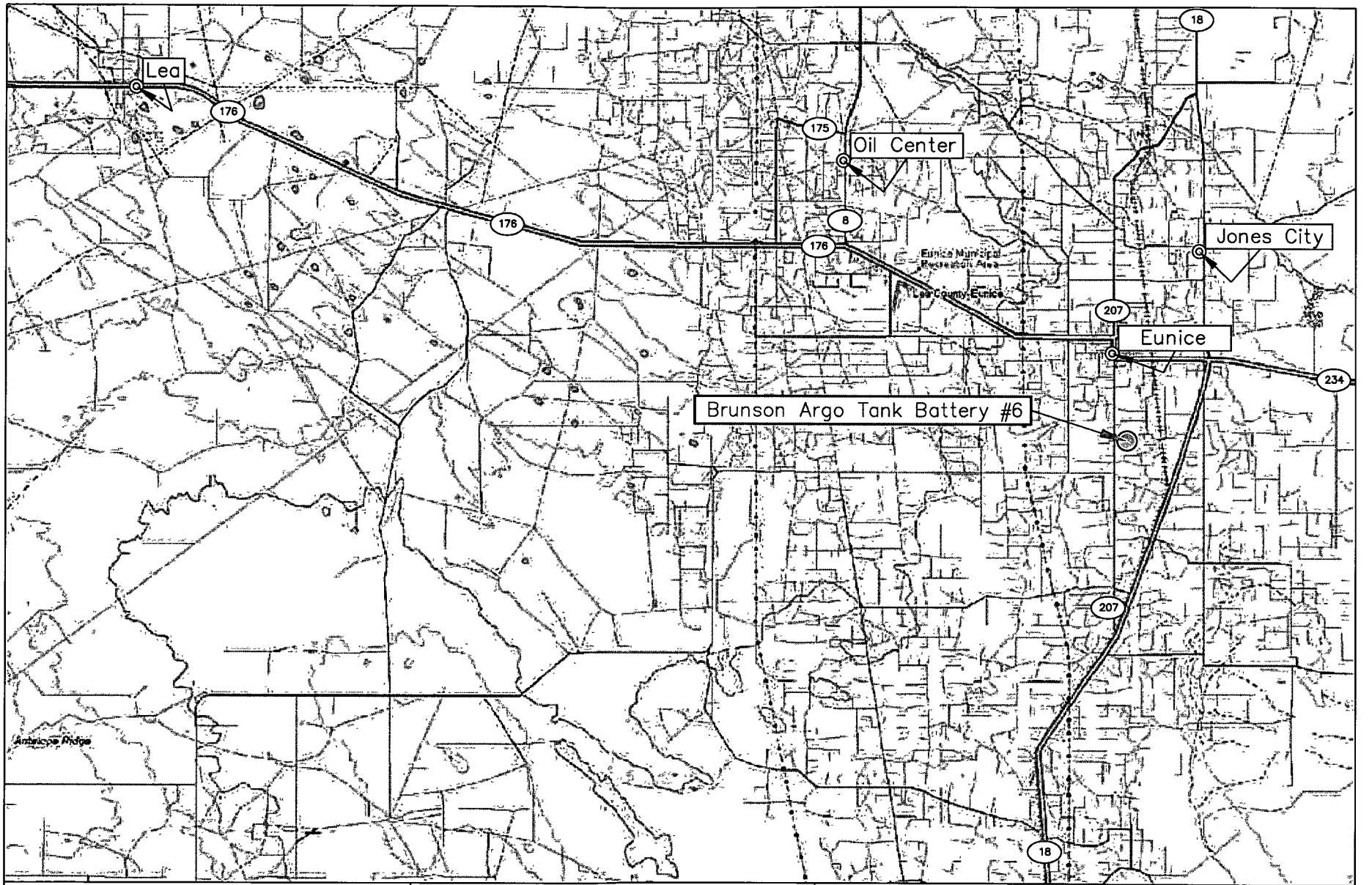


Figure 1 Area Map Chevron Corporation Brunson Argo Tank Battery #6	Lea County, New Mexico SE 1/4 of the NW 1/4, Sec. 10, T22S, R37E N 32° 24' 32.09" W 103° 09' 13.11" Elevation: 3,405 feet amsl	DWG By: Daniel Dominguez April 2007 0 3 6 Miles	REVISED: SHEET 1 of 1 N

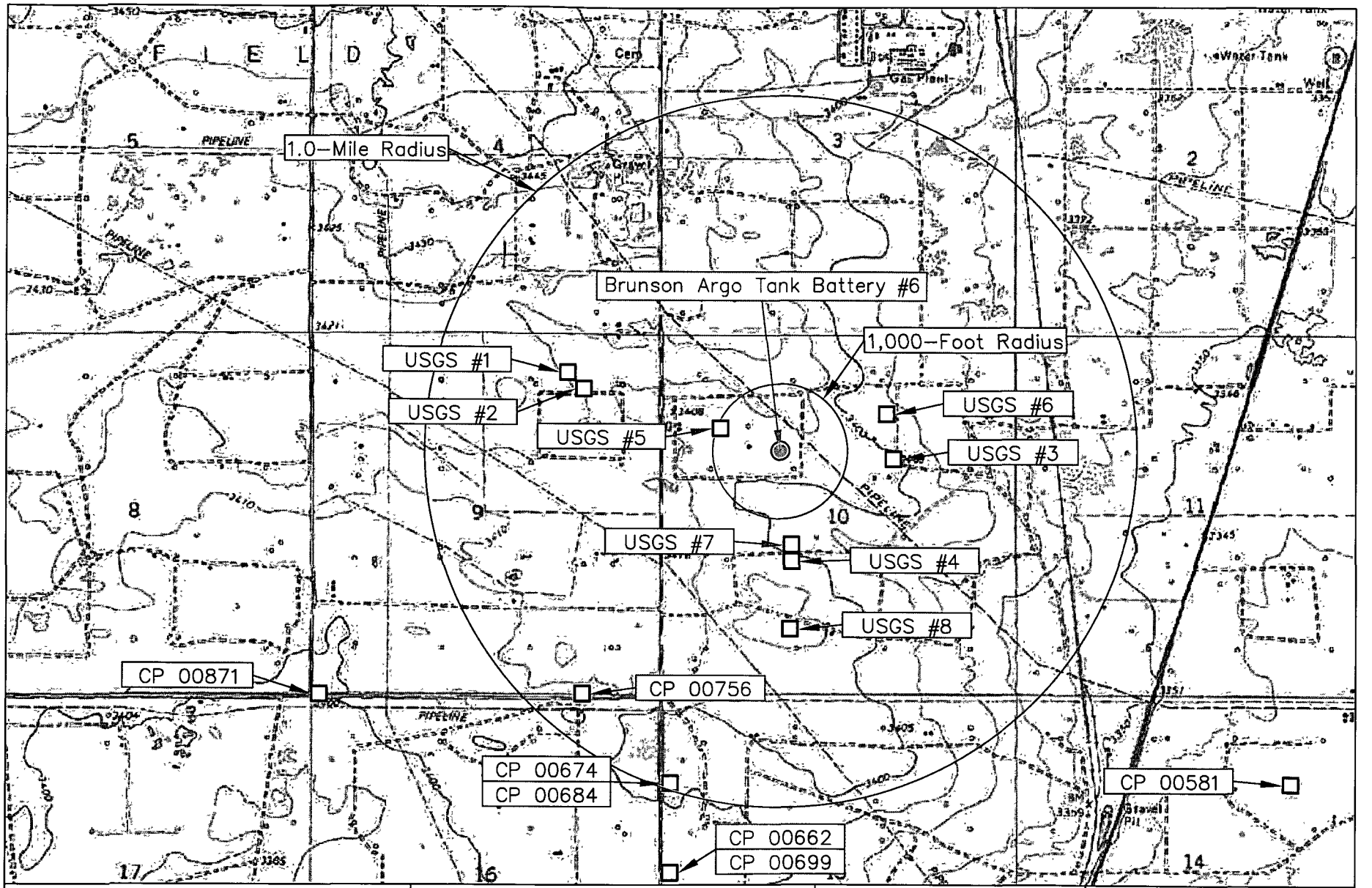


Figure 2 Site Location Map Chevron Corporation Brunson Argo Tank Battery #6	Lea County, New Mexico SE 1/4 of the NW 1/4, Sec. 10, T22S, R37E N 32° 24' 32.09" W 103° 09' 13.11" Elevation: 3,405 feet amsl	DWG By: Daniel Dominguez April 2007 0 2,000 4,000 Feet	REVISED: SHEET 1 of 1 N

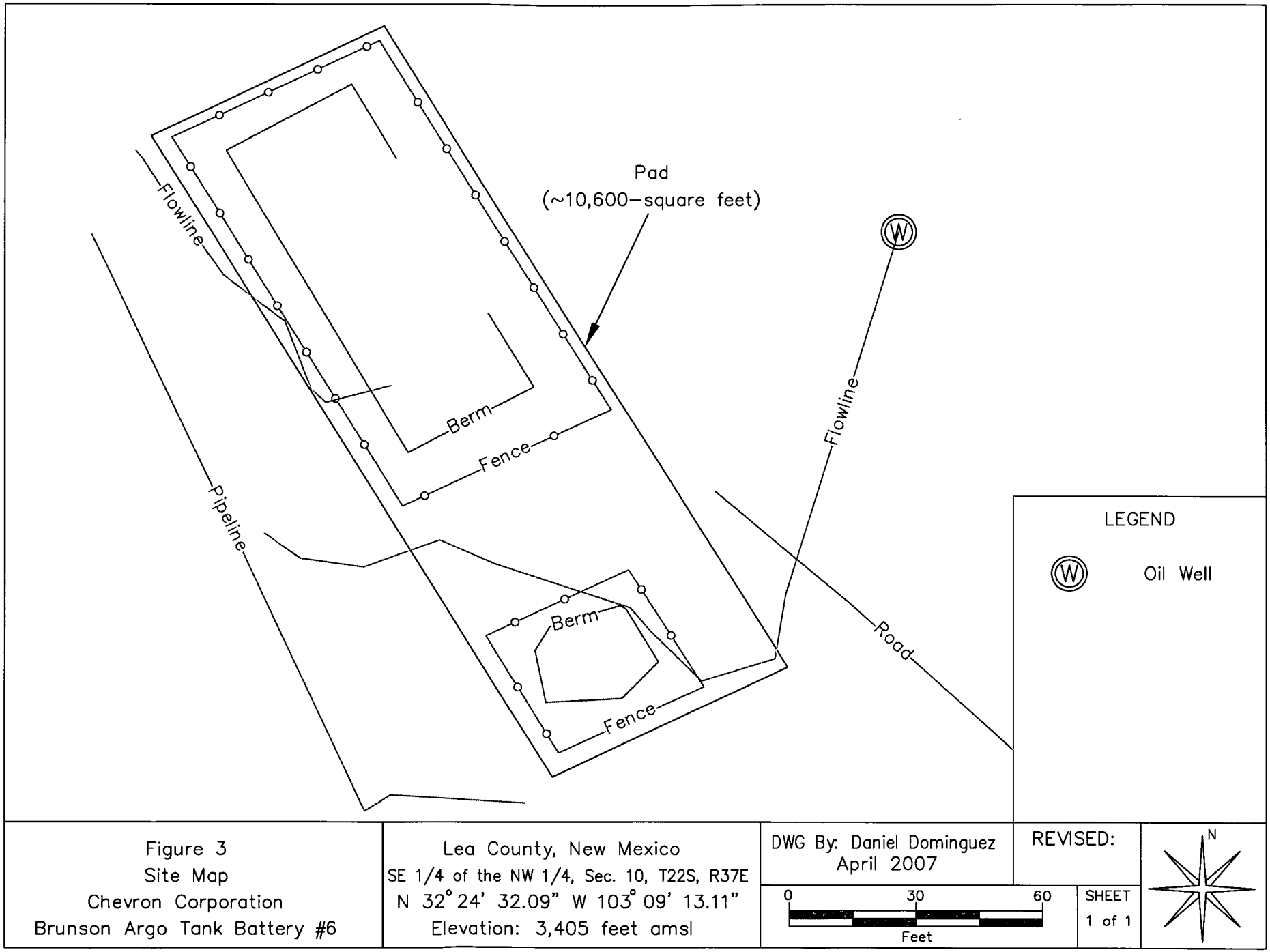


Figure 3
Site Map
Chevron Corporation
Brunson Argo Tank Battery #6

Lea County, New Mexico
SE 1/4 of the NW 1/4, Sec. 10, T22S, R37E
N 32° 24' 32.09" W 103° 09' 13.11"
Elevation: 3,405 feet amsl

DWG By: Daniel Dominguez
April 2007

REVISED:

SHEET
1 of 1

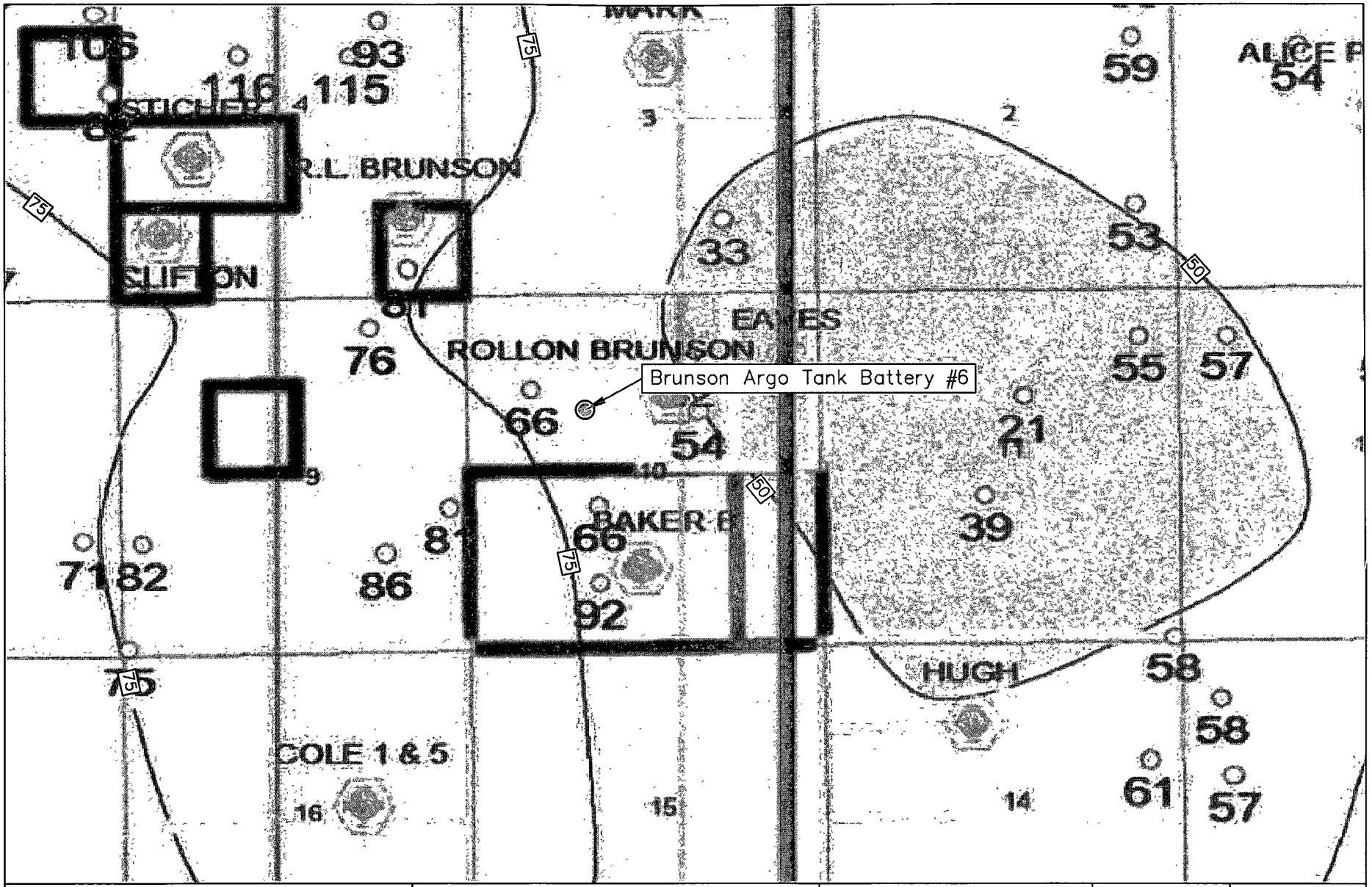


Figure 4 Groundwater Gradient Map Chevron Corporation Brunson Argo Tank Battery #6	Lea County, New Mexico SE 1/4 of the NW 1/4, Sec. 10, T22S, R37E N 32° 24' 32.09" W 103° 09' 13.11" Elevation: 3,405 feet amsl	DWG By: Daniel Dominguez April 2007	REVISED:	N
		0 2,000 4,000 Feet	SHEET 1 of 1	

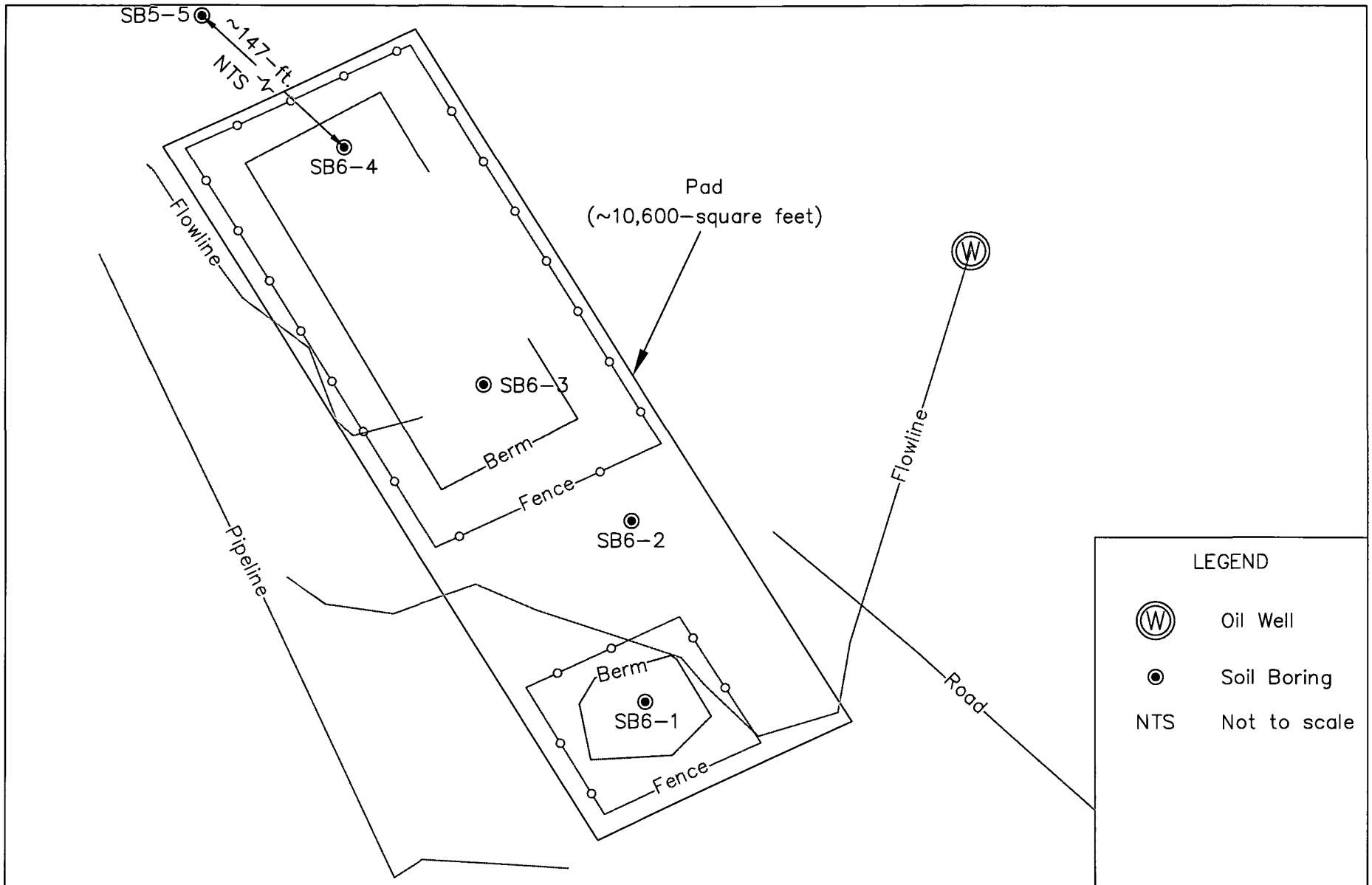


Figure 5 Soil Boring Location Map Chevron Corporation Brunson Argo Tank Battery #6	Lea County, New Mexico SE 1/4 of the NW 1/4, Sec. 10, T22S, R37E N 32° 24' 32.09" W 103° 09' 13.11" Elevation: 3,405 feet amsl	DWG By: Daniel Dominguez April 2007 0 30 60 Feet	REVISED: July 2007 SHEET 1 of 1	N

TABLES

TABLE 1

WELL INFORMATION REPORT*

Chevron USA - Brunson Argo Tank Battery #6 (Ref #200131)

Well Number	Diversion[A]	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation[B]	Depth to Water (ft bgs)
CP 00581	3	NORTHERN NATURAL GAS CO	SAN	22S	37E	14 2 2 2	N32° 23' 43.32"	W103° 07' 44 48"	18-Apr-79	3,335	65
CP 00662	3	GEORGE SCHELLER	DOM	22S	37E	15 1 3 3	N32° 23' 30.26"	W103° 09' 32 15"	20-Jul-83	3,405	150
CP 00674	3	WARREN & VERNA HUGHES	DOM	22S	37E	15 1 1	N32° 23' 43.31"	W103° 09' 32.15"	27-Mar-85	3,399	75
CP 00684	3	WARREN & VUNA HUGHES	MUL	22S	37E	15 1 1	N32° 23' 43.31"	W103° 09' 32.15"	01-Aug-85	3,399	180
CP 00699	3	MARTIN CARRASCO	DOM	22S	37E	15 1	N32° 23' 30.26"	W103° 09' 32 15"	02-Jun-86	3,405	100
CP 00756	3	CHARLIE BETTIS	DOM	22S	37E	09 4 4 2	N32° 23' 56.34"	W103° 09' 47 53"	30-Oct-90	3,408	85
CP 00871	3	BILL OR BARBARA TRULL	DOM	22S	37E	09 3	N32° 23' 56.30"	W103° 10' 33 67"	29-Sep-97	3,400	94
USGS #1				22S	37E	09 2 1 2			17-Mar-81	3,415	76.2
USGS #2				22S	37E	09 2 2 3			22-Jan-76	3,415	78.57
USGS #3				22S	37E	10 2 3 2			27-Jan-76	3,400	54 44
USGS #4				22S	37E	10 3 2 1			27-Jan-76	3,400	69 54
USGS #5				22S	37E	10 1 3 2			27-Jan-76	3,405	65 59
USGS #6				22S	37E	10 2 1 4			27-Jan-76	3,399	41 88
USGS #7				22S	37E	10 3 2 1			17-Mar-81	3,399	66 05
USGS #8				22S	37E	10 3 4 1			15-Feb-96	3,410	91.64
CP 00679	3	FRED FERBRACHE	DOM	22S	37E	15 3 3	N32° 23' 4.17"	W103° 09' 32.14"	20-May-85	3,380	98
CP 00708	3	ROBERT A. CUETO	DOM	22S	37E	15	N32° 23' 4.17"	W103° 09' 32.14"	15-Apr-87	3,380	185
CP 00709	3	JAMES D. SMITH	DOM	22S	37E	15 3 4 2	N32° 23' 4.17"	W103° 09' 16.78"	29-Apr-87	3,385	87

* = Data obtained from the New Mexico Office of the State Engineer Website (http.//iwaters.ose state.nm us:7001/iWATERS/wr_RegisServlet1) and USGS Database.

[A] = in acre feet per annum

[B] = Interpolated from USGS Topographical Map

DOM = Domestic one household

MUL = Multiple Domestic Households

(quarters are 1=NW, 2=NE, 3=SW, 4=SE)

(quarters are biggest to smallest - X Y are in Feet - UTM are in Meters)

Shaded area indicates wells not shown on Figure 2

TABLE 2

Summary of Soil Boring Field Analyses and Laboratory Analytical Results

Chevron U.S.A. Inc.

Brunson Argo #6 (NMOCD Ref.#1RP-1304; EPI Ref.# 200131)

Sample I D	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (p/m) (mg/Kg)	Xylenes (o) (mg/Kg)	Total BTEX (mg/Kg)	Carbon Ranges (C6-C12) (mg/Kg)	Carbon Ranges (C12-C28) (mg/Kg)	Carbon Ranges (C28 C35) (mg/Kg)	Total Hydrocarbons (C6-C35) (mg/Kg)	Sulfate (mg/Kg)	Chloride (mg/Kg)
SB6-1	2	In-situ	27-Apr-07	0 4	400	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	15 1	18 4
SB6-1	5	In-situ	27-Apr-07	10 0	800	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	64 3	**487**
SB6-1	10	In-situ	27-Apr-07	600	320	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	73 4	150
SB6-1	15	In-situ	27-Apr-07	3 8	480	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	61 0	**288**
SB6-1	20	In-situ	27-Apr-07	4 8	640	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	87 0	**472**
SB6-2	2	In-situ	30-Apr-07	608	400	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	36 7	170
SB6-2	5	In-situ	30-Apr-07	0 0	160	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	81 3	20 0
SB6-2	10	In-situ	30-Apr-07	0 0	160	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	23 7	16 8
SB6-3	2	In-situ	30-Apr-07	0 0	160	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	61 0	39 4
SB6-3	5	In-situ	30-Apr-07	0 0	880	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	128	**731**
SB6-3	10	In-situ	30-Apr-07	0 0	1,200	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	29 3	**971**
SB6-3	15	In-situ	30-Apr-07	0 0	900	<0.0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	99 2	**1100**
SB6-3	20	In-situ	30-Apr-07	0 0	1,600	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	32 5	**644**
SB6-3	25	In-situ	30-Apr-07	0 0	480	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	45 5	**337**

TABLE 2

Summary of Soil Boring Field Analyses and Laboratory Analytical Results

Chevron U.S.A. Inc.

Brunson Argo #6 (NMOCD Ref.#1RP-1304; EPI Ref.# 200131)

Sample I D	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (p/m) (mg/Kg)	Xylenes (o) (mg/Kg)	Total BTEX (mg/Kg)	Carbon Ranges (C6-C12) (mg/Kg)	Carbon Ranges (C12-C28) (mg/Kg)	Carbon Ranges (C28 C35) (mg/Kg)	Total Hydrocarbons (C6-C35) (mg/Kg)	Sulfate (mg/Kg)	Chloride (mg/Kg)
SB6-4	2	In-situ	01-May-07	600	480	<0 0250	J [0 00108]	0 00634	0 0239	0 00638	0 0366	189	1760	226	2,175	233	8 92
SB6-4	5	In-situ	01-May-07	300	800	<0 0250	J [0 000957	0 00793	0 0192	0 00568	0 0328	44 3	340	40 4	425	220	**282**
SB6-4	10	In-situ	01-May-07	30 1	1,200	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	61 0	**877**
SB6-4	15	In-situ	01-May-07	0 0	1,680	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	29 5	**1.050**
SB6-4	20	In-situ	01-May-07	0 0	1,040	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	31 2	**787**
SB6-4	25	In-situ	01-May-07	0 0	160	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	71 9	25 1
SB5-5 (BG)	2	In-situ	30-Apr-07	0 0	160	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	64 2	J [4 56]
SB5-5 (BG)	5	In-situ	30-Apr-07	0 0	160	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	37 6	J [4 10]
SB5-5 (BG)	10	In-situ	30-Apr-07	0 0	160	<0 0250	<0 0250	<0 0250	<0 0250	<0 0250	<0 125	<10 0	<10 0	<10 0	<30 0	53 7	13 7
NMOCD Remedial Thresholds				100		10					50				100		250

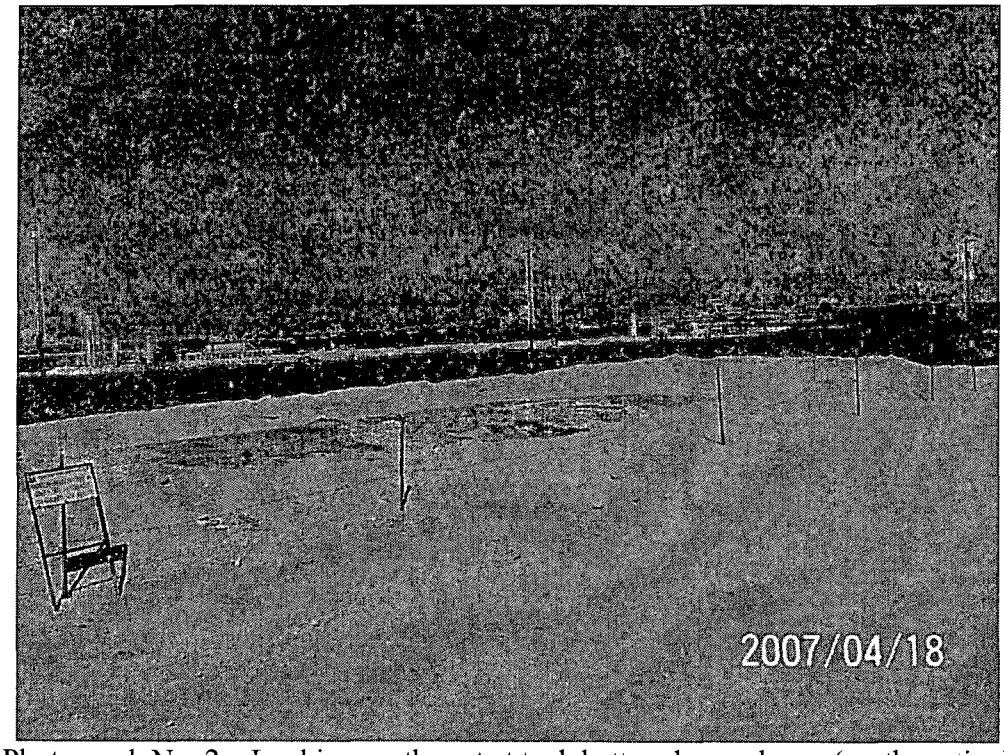
Bolded values are in excess of NMOCD Remediation Threshold Goals
-- = Not Analyzed
J = Detected, but below the Reporting Limit Therefore, result is an estimated concentration (CPL J-Flag
BG = Background Soil Boring. Note - BH5 and BH6 share a common background reference in SB5-5

APPENDICES

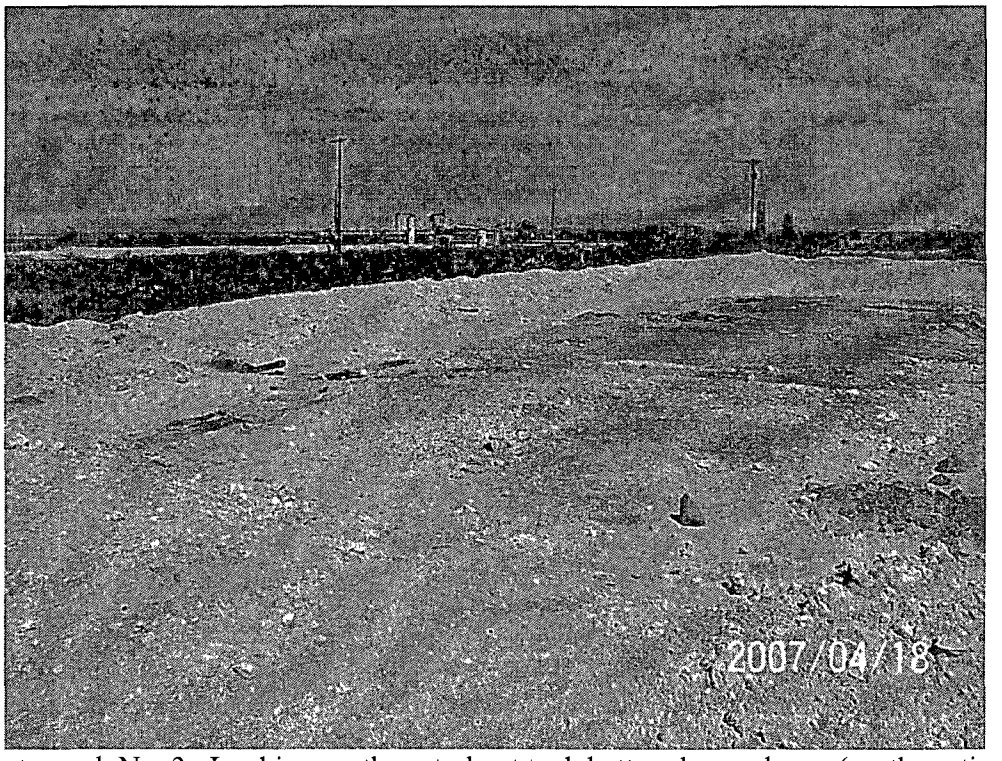
APPENDIX I

PROJECT PHOTOGRAPHS

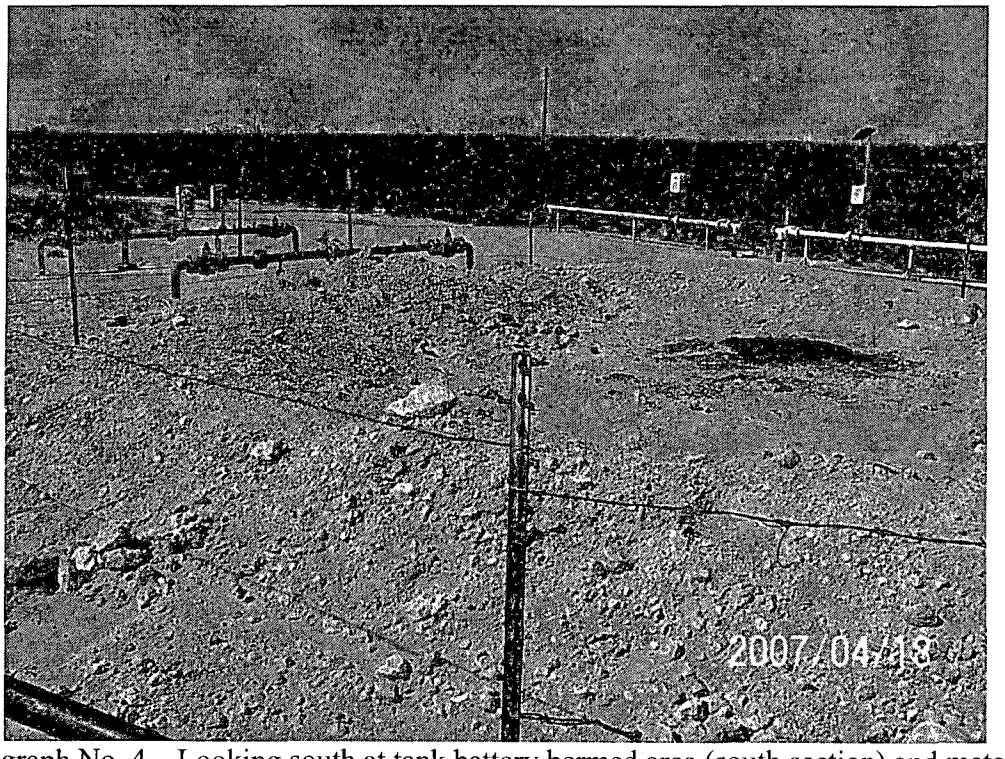
Photograph No. 1 – Lease sign



Photograph No. 2 – Looking northwest at tank battery bermed area (north section)



Photograph No. 3 –Looking northwesterly at tank battery bermed area (north section)



Photograph No. 4 – Looking south at tank battery bermed area (south section) and meter runs

APPENDIX II

LABORATORY ANALYTICAL REPORTS
AND
CHAIN-OF-CUSTODY FORM

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

A Xenco Laboratories Company

Analytical Report

Prepared for:

David P. Duncan

Environmental Plus, Incorporated

P.O. Box 1558

Eunice, NM 88231

Project: Chevron/ Brunson Argo TB #6

Project Number: 200131

Location: UL-F, Sec. 10, T 22 S, R 37 E

Lab Order Number: 7E03005

Report Date: 05/10/07

Environmental Plus, Incorporated	Project. Chevron/ Brunson Argo TB #6	Fax. 505-394-2601
P.O Box 1558	Project Number. 200131	
Eunice NM, 88231	Project Manager David P. Duncan	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-1 (2')	7E03005-01	Soil	04/27/07 12.55	05-03-2007 10.50
SB-1 (5')	7E03005-02	Soil	04/27/07 13 06	05-03-2007 10 50
SB-1 (10')	7E03005-03	Soil	04/26/07 13.53	05-03-2007 10 50
SB-1 (15')	7E03005-04	Soil	04/27/07 14 43	05-03-2007 10.50
SB-1 (20')	7E03005-05	Soil	04/27/07 16.30	05-03-2007 10 50
SB-2 (2')	7E03005-06	Soil	04/30/07 07.15	05-03-2007 10.50
SB-2 (5')	7E03005-07	Soil	04/27/07 07 30	05-03-2007 10.50
SB-2 (10')	7E03005-08	Soil	04/26/07 08 05	05-03-2007 10.50
SB-3 (2')	7E03005-09	Soil	04/27/07 08.55	05-03-2007 10.50
SB-3 (5')	7E03005-10	Soil	04/30/07 09:10	05-03-2007 10.50
SB-3 (10')	7E03005-11	Soil	04/26/07 09 40	05-03-2007 10.50
SB-3 (15')	7E03005-12	Soil	04/30/07 10 21	05-03-2007 10 50
SB-3 (20')	7E03005-13	Soil	04/30/07 12.02	05-03-2007 10.50
SB-3 (25')	7E03005-14	Soil	04/30/07 14.00	05-03-2007 10 50
SB-4 (2')	7E03005-15	Soil	05/01/07 07 15	05-03-2007 10 50
SB-4 (5')	7E03005-16	Soil	05/01/07 07.25	05-03-2007 10·50
SB-4 (10')	7E03005-17	Soil	05/01/07 08 00	05-03-2007 10 50
SB-4 (15')	7E03005-18	Soil	05/01/07 08 43	05-03-2007 10 50
SB-4 (20')	7E03005-19	Soil	05/01/07 09.53	05-03-2007 10 50
SB-4 (25')	7E03005-20	Soil	05/01/07 11:58	05-03-2007 10·50
SB-2 (2')	7E03005-21	Soil	04/30/07 15 15	05-03-2007 10.50
SB-5 (5')	7E03005-22	Soil	04/30/07 15 45	05-03-2007 10 50
SB-5 (10')	7E03005-23	Soil	04/30/07 12.02	05-03-2007 10.50

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P O Box 1558	Project Number. 200131	
Eunice NM, 88231	Project Manager. David P. Duncan	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 (2') (7E03005-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE70306	05/03/07	05/04/07	EPA 8021B	
Toluene	ND	0 0250	"	"	"	"	"	"	
Ethylbenzene	ND	0 0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*99.2 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*93.0 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10 0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*79.4 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*92 8 %*	*70-130*		"	"	"	"	
SB-1 (5') (7E03005-02) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70306	05/03/07	05/03/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0 00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0 00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*128 %*	*75-125*		"	"	"	"	*S-04*
Surrogate· 4-Bromofluorobenzene		*109 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10 0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*82.0 %*	*70-130*		"	"	"	"	
Surrogate. 1-Chlorooctadecane		*91 6 %*	*70-130*		"	"	"	"	
SB-1 (10') (7E03005-03) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70306	05/03/07	05/03/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0 00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0 00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*88.4 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*87 0 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 (10') (7E03005-03) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*77.0 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*85 6 %*	*70-130*		"	"	"	"	
SB-1 (15') (7E03005-04) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70306	05/03/07	05/03/07	EPA 8021B	
Toluene	ND	0 00200	"	"	"	"	"	"	
Ethylbenzene	ND	0 00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0 00200	"	"	"	"	"	"	
Xylene (o)	ND	0 00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*89.0 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*84.2 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10 0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10 0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*77 2 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*86.6 %*	*70-130*		"	"	"	"	
SB-1 (20') (7E03005-05) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70306	05/03/07	05/03/07	EPA 8021B	
Toluene	ND	0 00200	"	"	"	"	"	"	
Ethylbenzene	ND	0 00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0 00200	"	"	"	"	"	"	
Xylene (o)	ND	0 00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*88 0 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*87.4 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10 0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10 0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*73 8 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*83.0 %*	*70-130*		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-2 (2') (7E03005-06) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0 00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*87.0 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*84 8 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10 0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10 0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*78.0 %*	*70-130*		"	"	"	"	
Surrogate· 1-Chlorooctadecane		*87.2 %*	*70-130*		"	"	"	"	
SB-2 (5') (7E03005-07) Soil									
Benzene	ND	0 00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*83 0 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*85.6 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*77.8 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*86.0 %*	*70-130*		"	"	"	"	
SB-2 (10') (7E03005-08) Soil									
Benzene	ND	0 00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0 00200	"	"	"	"	"	"	
Ethylbenzene	ND	0 00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0 00200	"	"	"	"	"	"	
Xylene (o)	ND	0 00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*80 8 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*86 4 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-2 (10') (7E03005-08) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C28-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10 0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*78 0 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*86 4 %*	*70-130*		"	"	"	"	
SB-3 (2') (7E03005-09) Soil									
Benzene	ND	0 00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0 00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*83 0 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*83.8 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10 0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*82.4 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*91.0 %*	*70-130*		"	"	"	"	
SB-3 (5') (7E03005-10) Soil									
Benzene	ND	0 00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0 00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*80 0 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*84.2 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10 0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10 0	"	"	"	"	"	"	
Surrogate. 1-Chlorooctane		*80.6 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*88.6 %*	*70-130*		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-3 (10') (7E03005-11) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0 00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*77.4 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*77.8 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10 0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*79.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*88.8 %*	*70-130*		"	"	"	"	
SB-3 (15') (7E03005-12) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0 00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*77 4 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*79.4 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*77 6 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*86.2 %*	*70-130*		"	"	"	"	
SB-3 (20') (7E03005-13) Soil									
Benzene	ND	0 00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0 00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0 00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*78.8 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*81.6 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-3 (20') (7E03005-13) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*78.8 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*86 8 %*	*70-130*		"	"	"	"	
SB-3 (25') (7E03005-14) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0 00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0 00200	"	"	"	"	"	"	
Xylene (o)	ND	0 00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*76 6 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*83.2 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*81 6 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*90 6 %*	*70-130*		"	"	"	"	
SB-4 (2') (7E03005-15) Soil									
Benzene	ND	0 00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	**J [0.00108]**	0.00200	"	"	"	"	"	"	J
Ethylbenzene	**0.00634**	0.00200	"	"	"	"	"	"	
Xylene (p/m)	**0.0239**	0 00200	"	"	"	"	"	"	
Xylene (o)	**0.00638**	0.00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*75.8 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*86.4 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	**189**	10 0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	**1760**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**226**	10 0	"	"	"	"	"	"	
Total Hydrocarbons	**2180**	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*89 2 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*92.6 %*	*70-130*		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-4 (5') (7E03005-16) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	**J [0.000957]**	0 00200	"	"	"	"	"	"	J
Ethylbenzene	**0.00793**	0.00200	"	"	"	"	"	"	
Xylene (p/m)	**0.0192**	0 00200	"	"	"	"	"	"	
Xylene (o)	**0.00568**	0.00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*79 2 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*89.4 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	**44.3**	10 0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	**340**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**40.4**	10 0	"	"	"	"	"	"	
Total Hydrocarbons	**425**	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*80.2 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*89 2 %*	*70-130*		"	"	"	"	
SB-4 (10') (7E03005-17) Soil									
Benzene	ND	0 00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0 00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*79 0 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*81 8 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10 0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10 0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*80.6 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*89.4 %*	*70-130*		"	"	"	"	
SB-4 (15') (7E03005-18) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0 00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0 00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*75.6 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*78 2 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10 0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-4 (15') (7E03005-18) Soil									
Carbon Ranges C12-C28	ND	10 0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10 0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*80.0 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*88 4 %*	*70-130*		"	"	"	"	
SB-4 (20') (7E03005-19) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0 00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0 00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*78.2 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*81 0 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/05/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10 0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*84 6 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*98.8 %*	*70-130*		"	"	"	"	
SB-4 (25') (7E03005-20) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0 00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*79 2 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*84.2 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/05/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10 0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*71.4 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*86.0 %*	*70-130*		"	"	"	"	

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Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-2 (2') (7E03005-21) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0 00200	"	"	"	"	"	"	
Ethylbenzene	ND	0 00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*84.6 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*87 6 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70402	05/07/07	05/07/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*77 4 %*	*70-130*		"	"	"	"	
Surrogate. 1-Chlorooctadecane		*87.2 %*	*70-130*		"	"	"	"	
SB-5 (5') (7E03005-22) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0 00200	"	"	"	"	"	"	
Ethylbenzene	ND	0 00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0 00200	"	"	"	"	"	"	
Xylene (o)	ND	0 00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*87.0 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*89.4 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70402	05/07/07	05/07/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*76 0 %*	*70-130*		"	"	"	"	
Surrogate. 1-Chlorooctadecane		*84.0 %*	*70-130*		"	"	"	"	
SB-5 (10') (7E03005-23) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0 00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0 00200	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*79 4 %*	*75-125*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*77.6 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70402	05/07/07	05/07/07	EPA 8015M	

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Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-5 (10') (7E03005-23) Soil									
Carbon Ranges C12-C28	ND	10 0	mg/kg dry	1	EE70402	05/07/07	05/07/07	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*80 2 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*88.2 %*	*70-130*		"	"	"	"	

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General Chemistry Parameters by EPA / Standard Methods

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 (2') (7E03005-01) Soil									
Chloride	**18.4**	5.00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**6.6**	0 1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**15.1**	5.00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300 0	
SB-1 (5') (7E03005-02) Soil									
Chloride	**487**	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**10.4**	0 1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**64.3**	10 0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
SB-1 (10') (7E03005-03) Soil									
Chloride	**150**	10 0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**13.9**	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**73.4**	10 0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
SB-1 (15') (7E03005-04) Soil									
Chloride	**288**	10 0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**10.0**	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**61.0**	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
SB-1 (20') (7E03005-05) Soil									
Chloride	**472**	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**13.2**	0 1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**87.0**	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
SB-2 (2') (7E03005-06) Soil									
Chloride	**170**	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**2.1**	0 1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**36.7**	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
SB-2 (5') (7E03005-07) Soil									
Chloride	**20.0**	5.00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**11.6**	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**81.3**	5.00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300 0	

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General Chemistry Parameters by EPA / Standard Methods

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-2 (10') (7E03005-08) Soil									
Chloride	**16.8**	5 00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**9.5**	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**23.7**	5.00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300 0	
SB-3 (2') (7E03005-09) Soil									
Chloride	**39.4**	5 00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**13.0**	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**61.0**	5.00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300 0	
SB-3 (5') (7E03005-10) Soil									
Chloride	**731**	10 0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**13.5**	0 1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**128**	10 0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
SB-3 (10') (7E03005-11) Soil									
Chloride	**971**	10 0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**7.8**	0 1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**29.3**	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
SB-3 (15') (7E03005-12) Soil									
Chloride	**1100**	20 0	mg/kg	40	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**13.4**	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**99.2**	20.0	mg/kg	40	EE71001	05/10/07	05/10/07	EPA 300 0	
SB-3 (20') (7E03005-13) Soil									
Chloride	**644**	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**9.3**	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**32.5**	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
SB-3 (25') (7E03005-14) Soil									
Chloride	**337**	10 0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**5.8**	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**45.5**	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-4 (2') (7E03005-15) Soil									
Chloride	**8.92**	5 00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**4.4**	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**233**	5.00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300 0	
SB-4 (5') (7E03005-16) Soil									
Chloride	**282**	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**10.9**	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**220**	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
SB-4 (10') (7E03005-17) Soil									
Chloride	**877**	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**9.2**	0 1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**61.0**	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
SB-4 (15') (7E03005-18) Soil									
Chloride	**1050**	20 0	mg/kg	40	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**8.8**	0 1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**29.5**	20.0	mg/kg	40	EE71001	05/10/07	05/10/07	EPA 300 0	
SB-4 (20') (7E03005-19) Soil									
Chloride	**787**	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**6.7**	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**31.2**	10 0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300 0	
SB-4 (25') (7E03005-20) Soil									
Chloride	**25.1**	5 00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300 0	
% Moisture	**0.4**	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**71.9**	5.00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300.0	
SB-2 (2') (7E03005-21) Soil									
Chloride	**J [4.56]**	5.00	mg/kg	10	EE71002	05/10/07	05/10/07	EPA 300 0	J
% Moisture	**6.7**	0 1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**64.2**	5.00	mg/kg	10	EE71002	05/10/07	05/10/07	EPA 300 0	

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General Chemistry Parameters by EPA / Standard Methods

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-5 (5') (7E03005-22) Soil									
Chloride	**J [4.10]**	5.00	mg/kg	10	EE71002	05/10/07	05/10/07	EPA 300 0	J
% Moisture	**8.8**	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**37.6**	5.00	mg/kg	10	EE71002	05/10/07	05/10/07	EPA 300 0	
SB-5 (10') (7E03005-23) Soil									
Chloride	**13.7**	5 00	mg/kg	10	EE71002	05/10/07	05/10/07	EPA 300 0	
% Moisture	**11.4**	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	**53.7**	5 00	mg/kg	10	EE71002	05/10/07	05/10/07	EPA 300 0	

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Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE70306 - EPA 5030C (GC)										
Blank (EE70306-BLK1)			Prepared & Analyzed. 05/03/07							
Benzene	ND	0 00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0 00100	"							
Xylene (p/m)	ND	0 00100	"							
Xylene (o)	ND	0 00100	"							
Surrogate a,a,a-Trifluorotoluene	*52 4*		*ug/kg*	*50 0*		*105*	*75-125*			
Surrogate 4-Bromofluorobenzene	*49 6*		*"*	*50 0*		*99 2*	*75-125*			
LCS (EE70306-BS1)			Prepared & Analyzed 05/03/07							
Benzene	0 0503	0 00100	mg/kg wet	0 0500		101	80-120			
Toluene	0 0516	0 00100	"	0 0500		103	80-120			
Ethylbenzene	0.0541	0 00100	"	0 0500		108	80-120			
Xylene (p/m)	0 0991	0 00100	"	0 100		99 1	80-120			
Xylene (o)	0 0537	0 00100	"	0 0500		107	80-120			
Surrogate a,a,a-Trifluorotoluene	*52 4*		*ug/kg*	*50 0*		*105*	*75-125*			
Surrogate 4-Bromofluorobenzene	*54 2*		*"*	*50 0*		*108*	*75-125*			
Calibration Check (EE70306-CCV1)			Prepared & Analyzed: 05/03/07							
Benzene	50 7		ug/kg	50 0		101	80-120			
Toluene	50 9		"	50 0		102	80-120			
Ethylbenzene	52 7		"	50 0		105	80-120			
Xylene (p/m)	96 0		"	100		96 0	80-120			
Xylene (o)	52 9		"	50 0		106	80-120			
Surrogate a,a,a-Trifluorotoluene	*50 2*		*"*	*50 0*		*100*	*75-125*			
Surrogate 4-Bromofluorobenzene	*50 0*		*"*	*50 0*		*100*	*75-125*			
Matrix Spike (EE70306-MS1)	**Source: 7D30017-12**		Prepared. 05/03/07 Analyzed 05/04/07							
Benzene	0 101	0 00200	mg/kg dry	0 116	ND	87.1	80-120			
Toluene	0 102	0 00200	"	0 116	ND	87 9	80-120			
Ethylbenzene	0 107	0 00200	"	0 116	ND	92 2	80-120			
Xylene (p/m)	0 197	0 00200	"	0 233	ND	84 5	80-120			
Xylene (o)	0 103	0 00200	"	0 116	ND	88 8	80-120			
Surrogate a,a,a-Trifluorotoluene	*43 2*		*ug/kg*	*50 0*		*86 4*	*75-125*			
Surrogate 4-Bromofluorobenzene	*44 6*		*"*	*50 0*		*89 2*	*75-125*			

Environmental Plus, Incorporated
P.O Box 1558
Eunice NM, 88231

Project. Chevron/ Brunson Argo TB #6
Project Number 200131
Project Manager. David P. Duncan

Fax 505-394-2601

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE70306 - EPA 5030C (GC)										
Matrix Spike Dup (EE70306-MSD1)	**Source: 7D30017-12**			Prepared. 05/03/07 Analyzed. 05/04/07						
Benzene	0 104	0 00200	mg/kg dry	0 116	ND	89 7	80-120	2 94	20	
Toluene	0 105	0 00200	"	0 116	ND	90 5	80-120	2 91	20	
Ethylbenzene	0 110	0 00200	"	0 116	ND	94 8	80-120	2 78	20	
Xylene (p/m)	0 201	0.00200	"	0 233	ND	86 3	80-120	2 11	20	
Xylene (o)	0 106	0 00200	"	0 116	ND	91 4	80-120	2 89	20	
Surrogate a,a,a-Trifluorotoluene	*44 0*		*ug/kg*	*50 0*		*88 0*	*75-125*			
Surrogate 4-Bromofluorobenzene	*46 3*		*"*	*50 0*		*92 6*	*75-125*			
Batch EE70310 - Solvent Extraction (GC)										
Blank (EE70310-BLK1)				Prepared 05/03/07 Analyzed 05/04/07						
Carbon Ranges C6-C12	ND	10 0	mg/kg wet							
Carbon Ranges C12-C28	ND	10 0	"							
Carbon Ranges C28-C35	ND	10 0	"							
Total Hydrocarbons	ND	10 0	"							
Surrogate 1-Chlorooctane	*38 7*		*mg/kg*	*50 0*		*77 4*	*70-130*			
Surrogate 1-Chlorooctadecane	*43 0*		*"*	*50 0*		*86 0*	*70-130*			
LCS (EE70310-BS1)				Prepared 05/03/07 Analyzed. 05/04/07						
Carbon Ranges C6-C12	597	10 0	mg/kg wet	500		119	75-125			
Carbon Ranges C12-C28	466	10 0	"	500		93 2	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0 00			75-125			
Total Hydrocarbons	1060	10.0	"	1000		106	75-125			
Surrogate 1-Chlorooctane	*48 6*		*mg/kg*	*50 0*		*97 2*	*70-130*			
Surrogate 1-Chlorooctadecane	*41 0*		*"*	*50 0*		*82 0*	*70-130*			
Calibration Check (EE70310-CCV1)				Prepared 05/03/07 Analyzed. 05/05/07						
Carbon Ranges C6-C12	276		mg/kg	250		110	80-120			
Carbon Ranges C12-C28	236		"	250		94 4	80-120			
Total Hydrocarbons	512		"	500		102	80-120			
Surrogate 1-Chlorooctane	*47 6*		*"*	*50 0*		*95 2*	*70-130*			
Surrogate 1-Chlorooctadecane	*48 0*		*"*	*50 0*		*96 0*	*70-130*			

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Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE70310 - Solvent Extraction (GC)										
Matrix Spike (EE70310-MS1)	**Source: 7E03005-01**			Prepared 05/03/07 Analyzed. 05/08/07						
Carbon Ranges C6-C12	576	10 0	mg/kg dry	535	ND	108	75-125			
Carbon Ranges C12-C28	509	10 0	"	535	ND	95 1	75-125			
Carbon Ranges C28-C35	ND	10 0	"	0 00	ND		75-125			
Total Hydrocarbons	1080	10 0	"	1070	ND	101	75-125			
Surrogate 1-Chlorooctane	*42 9*		*mg/kg*	*50 0*		*85 8*	*70-130*			
Surrogate 1-Chlorooctadecane	*35 3*		*"*	*50 0*		*70 6*	*70-130*			
Matrix Spike Dup (EE70310-MSD1)	**Source: 7E03005-01**			Prepared 05/03/07 Analyzed. 05/08/07						
Carbon Ranges C6-C12	558	10 0	mg/kg dry	535	ND	104	75-125	3 77	20	
Carbon Ranges C12-C28	473	10 0	"	535	ND	88 4	75-125	7 30	20	
Carbon Ranges C28-C35	ND	10 0	"	0 00	ND		75-125		20	
Total Hydrocarbons	1030	10 0	"	1070	ND	96 3	75-125	4 76	20	
Surrogate 1-Chlorooctane	*43 0*		*mg/kg*	*50 0*		*86 0*	*70-130*			
Surrogate 1-Chlorooctadecane	*36 2*		*"*	*50 0*		*72 4*	*70-130*			
Batch EE70402 - Solvent Extraction (GC)										
Blank (EE70402-BLK1)				Prepared & Analyzed. 05/07/07						
Carbon Ranges C6-C12	ND	10 0	mg/kg wet							
Carbon Ranges C12-C28	ND	10 0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbons	ND	10 0	"							
Surrogate 1-Chlorooctane	*40 0*		*mg/kg*	*50 0*		*80 0*	*70-130*			
Surrogate 1-Chlorooctadecane	*44 7*		*"*	*50 0*		*89 4*	*70-130*			
LCS (EE70402-BS1)				Prepared & Analyzed 05/07/07						
Carbon Ranges C6-C12	611	10 0	mg/kg wet	500		122	75-125			
Carbon Ranges C12-C28	495	10 0	"	500		99 0	75-125			
Carbon Ranges C28-C35	ND	10 0	"	0 00			75-125			
Total Hydrocarbons	1110	10 0	"	1000		111	75-125			
Surrogate 1-Chlorooctane	*54 8*		*mg/kg*	*50 0*		*110*	*70-130*			
Surrogate 1-Chlorooctadecane	*46 0*		*"*	*50 0*		*92 0*	*70-130*			

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE70402 - Solvent Extraction (GC)										
Calibration Check (EE70402-CCV1)				Prepared & Analyzed 05/07/07						
Carbon Ranges C6-C12	222		mg/kg	250		88.8	80-120			
Carbon Ranges C12-C28	223		"	250		89 2	80-120			
Total Hydrocarbons	445		"	500		89 0	80-120			
Surrogate 1-Chlorooctane	*54 9*		*"*	*50 0*		*110*	*70-130*			
Surrogate 1-Chlorooctadecane	*55 7*		*"*	*50 0*		*111*	*70-130*			
Matrix Spike (EE70402-MS1)	**Source: 7E03005-21**			Prepared 05/07/07 Analyzed 05/09/07						
Carbon Ranges C6-C12	629	10.0	mg/kg dry	536	ND	117	75-125			
Carbon Ranges C12-C28	505	10 0	"	536	ND	94 2	75-125			
Carbon Ranges C28-C35	ND	10 0	"	0 00	ND		75-125			
Total Hydrocarbons	1130	10 0	"	1070	ND	106	75-125			
Surrogate 1-Chlorooctane	*64 4*		*mg/kg*	*50 0*		*129*	*70-130*			
Surrogate 1-Chlorooctadecane	*61 9*		*"*	*50 0*		*124*	*70-130*			
Matrix Spike Dup (EE70402-MSD1)	**Source: 7E03005-21**			Prepared 05/07/07 Analyzed 05/09/07						
Carbon Ranges C6-C12	665	10 0	mg/kg dry	536	ND	124	75-125	5 81	20	
Carbon Ranges C12-C28	582	10 0	"	536	ND	109	75-125	14 6	20	
Carbon Ranges C28-C35	ND	10 0	"	0 00	ND		75-125		20	
Total Hydrocarbons	1250	10 0	"	1070	ND	117	75-125	9.87	20	
Surrogate 1-Chlorooctane	*64 7*		*mg/kg*	*50 0*		*129*	*70-130*			
Surrogate 1-Chlorooctadecane	*61 2*		*"*	*50 0*		*122*	*70-130*			
Batch EE70411 - EPA 5030C (GC)										
Blank (EE70411-BLK1)				Prepared & Analyzed 05/04/07						
Benzene	ND	0 00100	mg/kg wet							
Toluene	ND	0 00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0 00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate a,a,a-Trifluorotoluene	*51 1*		*ug/kg*	*50 0*		*102*	*75-125*			
Surrogate 4-Bromofluorobenzene	*49 5*		*"*	*50 0*		*99 0*	*75-125*			

Environmental Plus, Incorporated
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Project: Chevron/ Brunson Argo TB #6
Project Number 200131
Project Manager David P. Duncan

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Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE70411 - EPA 5030C (GC)										
LCS (EE70411-BS1)				Prepared & Analyzed 05/04/07						
Benzene	0 0501	0 00100	mg/kg wet	0 0500		100	80-120			
Toluene	0 0518	0 00100	"	0 0500		104	80-120			
Ethylbenzene	0 0540	0 00100	"	0 0500		108	80-120			
Xylene (p/m)	0 100	0 00100	"	0 100		100	80-120			
Xylene (o)	0 0536	0 00100	"	0 0500		107	80-120			
Surrogate a,a,a-Trifluorotoluene	*51 3*		*ug/kg*	*50 0*		*103*	*75-125*			
Surrogate 4-Bromofluorobenzene	*52 0*		*"*	*50 0*		*104*	*75-125*			
Calibration Check (EE70411-CCV1)				Prepared & Analyzed. 05/04/07						
Benzene	50 6		ug/kg	50 0		101	80-120			
Toluene	51 3		"	50 0		103	80-120			
Ethylbenzene	51.7		"	50 0		103	80-120			
Xylene (p/m)	96 5		"	100		96 5	80-120			
Xylene (o)	52 9		"	50 0		106	80-120			
Surrogate a,a,a-Trifluorotoluene	*50 2*		*"*	*50 0*		*100*	*75-125*			
Surrogate 4-Bromofluorobenzene	*50 8*		*"*	*50 0*		*102*	*75-125*			
Matrix Spike (EE70411-MS1)	**Source: 7E03005-06**			Prepared. 05/04/07 Analyzed 05/09/07						
Benzene	0 0840	0 00200	mg/kg dry	0 102	ND	82 4	80-120			
Toluene	0.0858	0 00200	"	0 102	ND	84 1	80-120			
Ethylbenzene	0 0880	0 00200	"	0 102	ND	86 3	80-120			
Xylene (p/m)	0 171	0 00200	"	0 204	ND	83 8	80-120			
Xylene (o)	0 0883	0 00200	"	0 102	ND	86 6	80-120			
Surrogate a,a,a-Trifluorotoluene	*40 0*		*ug/kg*	*50 0*		*80 0*	*75-125*			
Surrogate 4-Bromofluorobenzene	*42 4*		*"*	*50 0*		*84 8*	*75-125*			
Matrix Spike Dup (EE70411-MSD1)	**Source: 7E03005-06**			Prepared 05/04/07 Analyzed 05/09/07						
Benzene	0 0797	0 00200	mg/kg dry	0 102	ND	78 1	80-120	5.36	20	M8
Toluene	0 0831	0 00200	"	0 102	ND	81 5	80-120	3 14	20	
Ethylbenzene	0 0859	0 00200	"	0.102	ND	84 2	80-120	2 46	20	
Xylene (p/m)	0 167	0 00200	"	0 204	ND	81 9	80-120	2 29	20	
Xylene (o)	0 0857	0.00200	"	0 102	ND	84 0	80-120	3 05	20	
Surrogate a,a,a-Trifluorotoluene	*37 9*		*ug/kg*	*50 0*		*75 8*	*75-125*			
Surrogate 4-Bromofluorobenzene	*41 7*		*"*	*50 0*		*83 4*	*75-125*			

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Project. Chevron/ Brunson Argo TB #6
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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE70403 - General Preparation (Prep)										
Blank (EE70403-BLK1)				Prepared & Analyzed 05/04/07						
% Solids	100		%							
Duplicate (EE70403-DUP1)	**Source: 7D27007-01**			Prepared & Analyzed 05/04/07						
% Solids	98 8		%		98 8			0 00	20	
Duplicate (EE70403-DUP2)	**Source: 7E03005-09**			Prepared & Analyzed 05/04/07						
% Solids	87 4		%		87 0			0 459	20	
Batch EE71001 - General Preparation (WetChem)										
Blank (EE71001-BLK1)				Prepared & Analyzed 05/10/07						
Sulfate	ND	0 500	mg/kg							
Chloride	ND	0 500	"							
LCS (EE71001-BS1)				Prepared & Analyzed 05/10/07						
Chloride	9 80	0 500	mg/kg	10 0		98 0	80-120			
Sulfate	9 29	0 500	"	10 0		92 9	80-120			
Calibration Check (EE71001-CCV1)				Prepared & Analyzed: 05/10/07						
Sulfate	10 4		mg/kg	10 0		104	80-120			
Chloride	8 58		"	10 0		85 8	80-120			
Duplicate (EE71001-DUP1)	**Source: 7E03005-05**			Prepared & Analyzed. 05/10/07						
Chloride	469	10 0	mg/kg		472			0 638	20	
Sulfate	84 0	10 0	"		87 0			3 51	20	
Duplicate (EE71001-DUP2)	**Source: 7E03005-15**			Prepared & Analyzed 05/10/07						
Chloride	7 74	5 00	mg/kg		8 92			14 2	20	
Sulfate	227	5 00	"		233			2 61	20	

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE71001 - General Preparation (WetChem)										
Matrix Spike (EE71001-MS1)	**Source: 7E03005-05**			Prepared & Analyzed 05/10/07						
Sulfate	271	10 0	mg/kg	200	87 0	92 0	80-120			
Chloride	617	10 0	"	200	472	72 5	80-120			QM-10
Matrix Spike (EE71001-MS2)	**Source: 7E03005-15**			Prepared & Analyzed 05/10/07						
Sulfate	319	5 00	mg/kg	100	233	86 0	80-120			
Chloride	111	5 00	"	100	8 92	102	80-120			
Batch EE71002 - General Preparation (WetChem)										
Blank (EE71002-BLK1)				Prepared & Analyzed. 05/10/07						
Sulfate	ND	0 500	mg/kg							
Chloride	ND	0 500	"							
LCS (EE71002-BS1)				Prepared & Analyzed 05/10/07						
Chloride	9.52	0 500	mg/kg	10 0		95 2	80-120			
Sulfate	8 93	0 500	"	10 0		89 3	80-120			
Calibration Check (EE71002-CCV1)				Prepared & Analyzed· 05/10/07						
Sulfate	10 6		mg/kg	10 0		106	80-120			
Chloride	8 90		"	10 0		89.0	80-120			
Duplicate (EE71002-DUP1)	**Source: 7E04005-01**			Prepared & Analyzed· 05/10/07						
Sulfate	1750	10.0	mg/kg		1770			1 14	20	
Chloride	10 8	10 0	"		9 54			12 4	20	
Matrix Spike (EE71002-MS1)	**Source: 7E04005-01**			Prepared & Analyzed 05/10/07						
Chloride	214	5 00	mg/kg	200	9 54	102	80-120			
Sulfate	1920	5 00	"	200	1770	75 0	80-120			QM-10

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect
QM-10	LCS/LCSD were analyzed in place of MS/MSD
M8	The MS and/or MSD were below the acceptance limits See Blank Spike (LCS)
J	Detected but below the Reporting Limit, therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 5/10/2007

Brent Barron, Laboratory Director/Corp. Technical Director
Celey D. Keene, Org. Tech Director
Raland K. Tuttle, Laboratory Consultant

James Mathis, QA/QC Officer
Jeanne Mc Murrey, Inorg. Tech Director

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Environmental Plus, Inc.

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231 *P.O. Box 1558, Eunice, NM 88231*
(505) 394-3481 FAX: (505) 394-2601

LAB: ELT

Company Name	Environmental Plus, Inc.
EPI Project Manager	David P. Duncan
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Chevron USA
Facility Name	Brunson Argo TB #6
Location	UL-F, Sec. 10, T 22 S, R 37 E
Project Reference	200131
EPI Sampler Name	George Blackburn

Bill To

Attn: David P. Duncan
PO Box 1558
Eunice, NM 88231

ANALYSIS REQUEST

281913

LAB I.D. 7E03005

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	MATRIX: WASTEWATER	MATRIX: SOIL	MATRIX: CRUDE OIL	MATRIX: SLUDGE	MATRIX: OTHER:	PRESERV.: ACID/BASE	PRESERV.: ICE/COOL	PRESERV.: OTHER	SAMPLING: DATE	SAMPLING: TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl⁻)	SULFATES (SO_4^{-2})	pH	TCLP	OTHER >>>	PAH			
-01	SB-1 (2')	X	1			X					X		27-Apr-07	12:55	X	X	X	X							
-02	SB-1 (5')	X	1			X					X		27-Apr-07	13:06	X	X	X	X							
-03	SB-1 (10')	X	1			X					X		26-Apr-07	13:53	X	X	X	X							
-04	SB-1 (15')	X	1			X					X		27-Apr-07	14:43	X	X	X	X							
-05	SB-1 (20')	X	1			X					X		27-Apr-07	16:30	X	X	X	X							
-06	SB-2 (2')	X	1			X					X		30-Apr-07	7:15	X	X	X	X							
-07	SB-2 (5')	X	1			X					X		30-Apr-07	7:30	X	X	X	X							
-08	SB-2 (10')	X	1			X					X		30-Apr-07	8:05	X	X	X	X							
-09	SB-3 (2')	X	1			X					X		30-Apr-07	8:55	X	X	X	X							
-10	SB-3 (5')	X	1			X					X		30-Apr-07	9:10	X	X	X	X							

Sampler Relinquished:	5-03-07 Time: 8:31	Received By:	E-mail results to: dduncan@envplus.net
Relinquished by:	Date: 5-03-07 Time: 10:50	Received By: (lab staff) 5-3-07 Andrea Law 10:50	REMARKS: 3.0 402 glass w/labels
Delivered by:	Sample Cool & Intact Yes / No	Checked By.	

Environmental Plus, Inc.

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(505) 394-3481 FAX: (505) 394-2601

LAB: ELT

Company Name	Environmental Plus, Inc.
EPI Project Manager	David P. Duncan
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Chevron USA
Facility Name	Brunson Argo TB #6
Location	UL-F, Sec. 10, T 22 S, R 37 E
Project Reference	200131
EPI Sampler Name	George Blackburn

Bill To

Attn: David P. Duncan
PO Box 1558
Eunice, NM 88231

ANALYSIS REQUEST

LAB I.D. (7E03005)	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl⁻)	SULFATES (SO_4^{-})	pH	TCLP	OTHER >>>	PAH			
-11	SB-3 (10')	X	1			X					X		30-Apr-07	9:40	X	X	X	X							
-12	SB-3 (15')	X	1			X					X		30-Apr-07	10:21	X	X	X	X							
-13	SB-3 (20')	X	1			X					X		30-Apr-07	12:02	X	X	X	X							
-14	SB-3 (25')	X	1			X					X		30-Apr-07	14:00	X	X	X	X							
-15	SB-4 (2')	X	1			X					X		01-May-07	7:15	X	X	X	X							
-16	SB-4 (5')	X	1			X					X		01-May-07	7:25	X	X	X	X							
-17	SB-4 (10')	X	1			X					X		01-May-07	8:00	X	X	X	X							
-18	SB-4 (15')	X	1			X					X		01-May-07	8:43	X	X	X	X							
-19	SB-4 (20')	X	1			X					X		01-May-07	9:53	X	X	X	X							
-20	SB-4 (25')	X	1			X					X		01-May-07	11:58	X	X	X	X							

Sampler Relinquished:	Date: 5-03-07 Time: 8:31	Received By:	E-mail results to: dduncan@envplus.net
Relinquished by	Date: 5-03-07 Time: 10:50	Received By (lab staff) 5-3-07 10:50	REMARKS: 30 4 oz glass w/labels
Delivered by:	Sample Cool & Intact: Yes / No	Checked By:	

Environmental Plus, Inc.

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(505) 394-3481 FAX: (505) 394-2601

LAB: ELT

Company Name	Environmental Plus, Inc.
EPI Project Manager	David P. Duncan
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Chevron USA
Facility Name	Brunson Argo TB #6
Location	UL-F, Sec. 10, T 22 S, R 37 E
Project Reference	200131
EPI Sampler Name	George Blackburn

Bill To

Attn: David P. Duncan
PO Box 1558
Eunice, NM 88231

ANALYSIS REQUEST

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES (SO_4^{2-})	pH	TCLP	OTHER >>>	PAH			
7E03005																									
-21	SB-5 (2')	X	1			X					X		30-Apr-07	15:15	X	X	X	X							
-22	SB-5 (5')	X	1			X					X		30-Apr-07	15:45	X	X	X	X							
-23	SB-5 (10')	X	1			X					X		30-Apr-07	12:02	X	X	X	X							
4																									
5																									
6																									
7																									
8																									
9																									
10																									

Sampler Relinquished:	5-03-07	Received By:	E-mail results to: dduncan@envplus.net
	Time 8:31		
Relinquished by:	Date 5-03-07	Received By (lab staff):	REMARKS 3.0° 4oz glass w/labels
	Time 10:30	5-3-07 10:50	
Delivered by:	Sample Cool & Intact: Yes / No	Checked By:	

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: EPI

Date/ Time: 05-03-07 @ 1050

Lab ID # : 7E03005

Initials: JMM

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	(Yes)	No	3.0 °C	
#2	Shipping container in good condition?	Yes	No	(N/A)	
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present (N/A)	
#4	Custody Seals intact on sample bottles/ container?	Yes	No	(Not Present)	
#5	Chain of Custody present?	(Yes)	No		
#6	Sample instructions complete of Chain of Custody?	(Yes)	No		
#7	Chain of Custody signed when relinquished/ received?	(Yes)	No		
#8	Chain of Custody agrees with sample label(s)?	(Yes)	No	ID written on Cont / Lid	
#9	Container label(s) legible and intact?	(Yes)	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	(Yes)	No		
#11	Containers supplied by ELOT?	(Yes)	No		
#12	Samples in proper container/ bottle?	(Yes)	No	See Below	
#13	Samples properly preserved?	(Yes)	No	See Below	
#14	Sample bottles intact?	(Yes)	No		
#15	Preservations documented on Chain of Custody?	(Yes)	No		
#16	Containers documented on Chain of Custody?	(Yes)	No		
#17	Sufficient sample amount for indicated test(s)?	(Yes)	No	See Below	
#18	All samples received within sufficient hold time?	(Yes)	No	See Below	
#19	Subcontract of sample(s)?	Yes	No	(Not Applicable)	
#20	VOC samples have zero headspace?	(Yes)	No	Not Applicable	

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding _____

Corrective Action Taken

Check all that Apply:

- ☐ See attached e-mail/ fax
- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event

APPENDIX III

SOIL BORING LOGS

Log Of Test Borings

ENVIRONMENTAL PLUS, INC.
CONSULTING AND
REMEDIAL CONSTRUCTION
EUNICE, NEW MEXICO
505-394-3481

Project Number: 200131

Project Name: Chevron - Brunson Argo Tank Battery #6

Location: UL-F, Section 10, Township 22 South, Range 37 East

Boring Number: SB6-1 | Surface Elevation: 3,405-feet amsl

Start Date: 4-27-07 Time: 1245 hrs

Completion Date: 4-27-07 Time: 1900 hrs

Time	Sample Type	Recovery (inches)	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Depth (feet)	Description
1255	DC		little	.4	400			2' SAND, Red
1306	SP	6	little	10	800		5	5' CALICHE
1353	SP	4	dry	600	320		10	10' SANDSTONE, Reddish very hard
1443	SP	3	dry	3.8	480		15	15' SANDSTONE, Reddish
1630	SP	4	dry	4.8	640		20	20' SANDSTONE, Reddish - very hard
1845								End of Soil Boring at 21' bgs Refusal
							25	
							30	

Water Level Measurements (feet)

Date	Time	Sample Depth	Casing Depth	Cave-in Depth	Water Level
-	-	-	-	-	-
-	-	-	-	-	-

Drilling Method: Auger

Backfill Method: Bentonite

Field Representative: GB

Log Of Test Borings

ENVIRONMENTAL PLUS, INC.
CONSULTING AND
REMEDIAL CONSTRUCTION
EUNICE, NEW MEXICO
505-394-3481

Project Number: 200131

Project Name: Chevron - Brunson Argo Tank Battery #6

Location: UL-F, Section 10, Township 22 South, Range 37 East

Boring Number: SB6-2 | Surface Elevation: 3,405-feet amsl

Start Date: 4-30-07 Time: 0700 hrs

Completion Date: 4-30-07 Time: 0830 hrs

Time	Sample Type	Recovery (inches)	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Depth (Feet)	Description
0715	DC		little	608	400		0	2' SAND, Red
0730	SP	6	dry	0	160		5	5' CALICHE
0805	SP	6	dry	0	160		10	10' SANDSTONE/Caliche
								End of Soil Boring at 11' bgs
							15	
							20	
							25	
							30	

Water Level Measurements (feet)

Date	Time	Sample Depth	Casing Depth	Cave-in Depth	Water Level
-	-	-	-	-	-
-	-	-	-	-	-

Drilling Method: Auger

Backfill Method: Bentonite

Field Representative: GB

Log Of Test Borings

(NOTE - Page 1 of 1)

ENVIRONMENTAL PLUS, INC.
CONSULTING AND
REMEDIAL CONSTRUCTION
EUNICE, NEW MEXICO
505-394-3481

Project Number: 200131
Project Name: Chevron - Brunson Argo Tank Battery #6
Location: UL-F, Section 10, Township 22 South, Range 37 East
Boring Number: SB6-3
Surface Elevation: 3,405-feet amsl

Start Date: 4-30-07 Time: 0845 hrs
Completion Date: 4-30-07 Time: 1440 hrs

Time	Sample Type	Recovery (inches)	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Depth (feet)	Description
0855	DC		little	0	160			2' SAND/Caliche, Red
0910	SP	6	little	0	880		5	5' CALICHE
0940	SP	6	dry	0	1,200		10	10' CALICHE dense
1021	SP	4	dry	0	900		15	15' CALICHE/Sandstone very dense
1202	SP	4	dry	0	1,600		20	20' SANDSTONE, White rock - very hard
1400	DC	lost	dry	0	480		25	25' Refusal - collected drill cutting End of Soil Boring at 26' bgs
							30	

Water Level Measurements (feet)

Date	Time	Sample Depth	Casing Depth	Cave-in Depth	Water Level
-	-	-	-	-	-
-	-	-	-	-	-

Drilling Method: Auger
Backfill Method: Bentonite
Field Representative: GB

Log Of Test Borings

(NOTE - Page 1 of 1)

ENVIRONMENTAL PLUS, INC.
CONSULTING AND
REMEDIAL CONSTRUCTION
EUNICE, NEW MEXICO
505-394-3481

Project Number: 200131
Project Name: Chevron - Brunson Argo Tank Battery #6
Location: UL-F, Section 10, Township 22 South, Range 37 East
Boring Number: SB6-4 | Surface Elevation: 3,405-feet amsl
Start Date: 5-1-07 Time: 0700 hrs
Completion Date: 5-1-07 Time: 1230 hrs

Time	Sample Type	Recovery (inches)	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Depth (feet)	Description
0715	DC		little	600	480			2' SAND, Red
0725	SP	6	little	300	800		5	5' CALICHE
0800	SP	6	dry	30.1	1,200		10	10' CALICHE/Sandstone dense
0843	SP	6	dry	0	1,680		15	15' SANDSTONE. White
0953	SP	4	dry	0	1,040		20	20' SANDSTONE, White very hard
1158	SP	3	dry	0	160		25	25' ROCK, White - solid End of Soil Boring at 26' bgs refusal
							30	

Water Level Measurements (feet)

Date	Time	Sample Depth	Casing Depth	Cave-in Depth	Water Level
-	-	-	-	-	-
-	-	-	-	-	-	

Drilling Method: Auger
Backfill Method: Bentonite
Field Representative: GB

Log Of Test Borings

(NOTE - Page 1 of 1)

ENVIRONMENTAL PLUS, INC.
CONSULTING AND
REMEDIAL CONSTRUCTION
EUNICE, NEW MEXICO
505-394-3481

Project Number: 200131

Project Name: Chevron - Brunson Argo Tank Battery #6

Location: UL-F, Section 10, Township 22 South, Range 37 East

Boring Number: SB5-5 | Surface Elevation: 3,405-feet amsl

Start Date: 4-30-07 Time: 1500 hrs

Completion Date: 4-30-07 Time: 1730 hrs

Time	Sample Type	Recovery (inches)	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Depth (feet)	Description
1515	DC		little	0	160			2' SAND/Caliche
1545	SP	6	dry	0	160		5	5' SANDSTONE, Red
								Rock
1705	SP	3	dry	0	160		10	10' SANDSTONE - very dense
								End of Soil Boring at 11' bgs
							15	
							20	
							25	
							30	

Water Level Measurements (feet)

Date	Time	Sample Depth	Casing Depth	Cave-in Depth	Water Level
-	-	-	-	-	-
-	-	-	-	-	-

Drilling Method: Auger

Backfill Method: Bentonite

Field Representative: GB

APPENDIX IV

INFORMATION AND METRICS FORM
INITIAL NMOCD FORM C-141

Information and Metrics	**Incident Date:** Historical	**NMOCD Notified:** Historical

Site: Brunson Argo Tank Battery #6	**Assigned Site Reference :** EPI Reference #200131
Company: Chevron North America – Exploration and Production Company	
Street Address: 2401 Avenue O	
Mailing Address: P.O. Box 1949	
City, State, Zip: Eunice, New Mexico 88231	
Representative: Bill A. Anderson	
Representative Telephone: (505) 394-1237 (office)	
Telephone: (505) 441-5438 (cellular)	
Fluid volume released (bbls): Historical	**Recovered (bbls):** Historical
>25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days. (Also applies to unauthorized releases >500 mcf Natural Gas)	
5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)	
Leak, Spill, or Pit (LSP) Name: Brunson Argo Tank Battery #6	
Source of contamination: Historical spills from decommissioned Tank Battery	
Land Owner, i.e., BLM, ST, Fee, Other: Priscilla Brunson Moody (c/o Charles James Moody)	
LSP Dimensions: ~ 59 feet by 180 feet	
LSP Area: ~10,600 ft^2	
Location of Reference Point (RP):	
Location distance and direction from RP:	
Latitude: N 32° 24' 32.09"	
Longitude: W 103° 09' 13.11"	
Elevation above mean sea level: 3,405 feet	
Feet from South Section Line:	
Feet from East Section Line:	
Location- Unit or ¼¼: SE¼ of the NW¼	**Unit Letter:** F
Location- Section: 10	
Location- Township: 22 South	
Location- Range: 37 East	
Surface water body within 1000 ' radius of site: none	
Domestic water wells within 1000' radius of site: one (1) (USGS #5)	
Agricultural water wells within 1000' radius of site: none	
Public water supply wells within 1000' radius of site: none	
Depth from land surface to groundwater (DG): ~ 66 feet	
Depth of contamination (DC): unknown	
Depth to groundwater (DG – DC = DtGW): unknown	

1. Groundwater	2. Wellhead Protection Area	3. Distance to Surface Water Body
If Depth to GW <50 feet: *20 points*	If <1000' from water source, or;<200' from private domestic water source: *20 points*	<200 horizontal feet: *20 points*
If Depth to GW 50 to 99 feet: *10 points*		200-1000 horizontal feet: *10 points*
If Depth to GW >100 feet: *0 points*	If >1000' from water source, or; >200' from private domestic water source: *0 points*	>1000 horizontal feet: *0 points*

Site Ranking (1+2+3) = 10+20+0=30

Total Site Ranking Score and Acceptable Concentrations

Parameter	>19	10-19	0-9
Benzene[1]	10 ppm	10 ppm	10 ppm
BTEX[1]	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1,000 ppm	5,000 ppm

[1]100 ppm field VOC headspace measurement may be substituted for lab analysis

District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec. NM 87410
District IV
1220 S St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Chevron North America	**Contact:** Bill A. Anderson
Address: P.O. Box 1949, Eunice, NM 88231	**Telephone No.:** (505) 394-1237
Facility Name: Brunson Argo Tank Battery #6	**Facility Type:** Decommissioned Tank Battery

Surface Owner: Ms. Priscilla Brunson Moody (c/o Charles James Moody)	**Mineral Owner:**	**API No.:**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	10	22S	37E					Lea

Latitude: N32° 24' 32.09" **Longitude:** W103° 09' 13.11"

NATURE OF RELEASE

Type of Release: Historical	**Volume of Release:** N/A	**Volume Recovered:** N/A
Source of Release: Historical releases from decommissioned Tank Battery	**Date and Hour of Occurrence:** N/A	**Date and Hour of Discovery:** N/A
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	**If YES, To Whom?** N/A	
By Whom? N/A	**Date and Hour:** N/A	
Was a Watercourse Reached? ☐ Yes ☒ No	**If YES, Volume Impacting the Watercourse:** Not Applicable	

If a Watercourse was Impacted, Describe Fully.* Not Applicable

Depth to Groundwater: ~66 feet

Describe Cause of Problem and Remedial Action Taken.* Historical releases from decommissioned Tank Battery

Describe Area Affected and Cleanup Action Taken.* The decommissioned Tank Battery will be delineated via soil borings within and outside the TB perimeter. Upon receipt of Laboratory Analytical results, a Remediation Proposal will be drafted and sent to the NMOCD for approval.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION
Printed Name: Bill A. Anderson	**Approved by District ~~Supervisor~~:** ENVIRONMENTAL
Title: HES Champion	**Approval Date:** 8.1.07 **Expiration Date:** 10.1.07
E-mail Address: BillyAnderson@chevron.com	**Conditions of Approval:** SUBMIT FINAL C-141 W/ DOCUMENTATION BY **Attached** ☐
Date: 4/27/07 **Phone:** (505) 394-1237	

*** Attach Additional Sheets If Necessary**

AUG 2007
Received
Hobbs
OCD