Form C-141 State of New Mexico
Oil Conservation Division

Incident ID	nRM2004849570
District RP	1RP-1780
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection).
☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Amy Barnhill Title: Waste and Water Specialist

Signature: Date: 9-26-19

email: ABarnhill@chevron.com Telephone: 432-687-7108

OCD Only

Received by: Date:

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Bradford Billings Date: 06/29/2021

Printed Name: Bradford Billings Title: Enviro. Spec. A

CLOSURE REPORT

BRUNSON ARGO TANK BATTERY #5

NMOCD REF. #1RP1780
EPI REF: 200130

UL-D (NW¼ OF THE NW¼) OF SECTION 10, T22S, R37E
~6 MILES SOUTHEAST OF LOVINGTON
LEA COUNTY, NEW MEXICO
LATITUDE: N 32° 24' 33.64" LONGITUDE: W 103° 09' 18.70"

FEBRUARY 2008

PREPARED BY:

ENVIRONMENTAL PLUS, INC.
P. O. BOX 1558
2100 AVENUE O
EUNICE, NEW MEXICO 88231

PREPARED FOR:

Chevron

ENVIRONMENTAL PLUS, INC.
CONSULTING AND ENVIRONMENTAL REMEDIATION

17 May, 2008

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

RE: **Closure Report**
Chevron USA
Brunson Argo Tank Battery #5
UL-D (NW¼ of the NW¼) of Section 10, T22S, R37E
Latitude: N32º 24' 33.64"; Longitude: W103º 09' 18.70"
Lea County, New Mexico
NMOCD Ref. #1RP 1780; EPI Ref. #200130

Dear Mr. Johnson:

On behalf of Chevron USA, Environmental Plus, Inc. (EPI) submits the following *Closure Report Letter* to addresses remediation of an abandoned, decommissioned tank battery facility. Soil impacts are historical in nature with no data indicating release date(s), volume and nature of release fluid(s) or efforts to remediate the release area(s). For clarity and cross reference elimination purposes, the *Closure Report Letter* offers Site Background history, Site Delineation, Remedial Activities, Analytical Data and Conclusion.

Site Background

The Site is located in UL-D (NW ¼ of the NW ¼) of Section 10, T22S, R37E at an elevation of approximately 3,405 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). Utilizing this information, New Mexico Oil Conservation Division (NMOCD) Remedial Goals for this Site were determined as follows:

P.O. BOX 1558 ••• 2100 AVENUE O ••• EUNICE, NEW MEXICO 88231
TELEPHONE 575•394•3481 ••• FAX 575•394•2601

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 Ground Water Standards of 250 mg/L

A. **Site Delineation** – On April 26 and 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 two hundred fifty-seven (257) feet southeast 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* (reference *Table 2* for laboratory analytical results).

B. **Remedial Activities** - From February 7, 2008 through March 5, 2008, approximately 5,190 yds^3 of impacted material were excavated from a combined surface area of ±10,400-ft^2 at depths ranging from 1- to 17-feet bgs. Impacted soil was transported to Sundance Services, Inc. for disposal. Caliche from the production pad was excavated to ±14-ft bgs in the northern sector, ±17-ft bgs in the southern sector and ±8-ft bgs in the center sector of excavation. Vertical excavation of impacted material finalized upon reported analytical results within NMOCD acceptable parameters. Lateral excavation activities continued until physical constraints impeded further delineation in the south, west and north sidewalls. The entire excavation bottom was backfilled with approximately 1,366 yds^3 of clean caliche to within 5-ft of original ground surface. A 40-mil polyethylene liner was installed on bottom and vertically up the north, south and west sidewalls of the excavation as to deter lateral and vertical migration of contaminants. The polyethylene liner was sandwiched between one (1) foot layers of cushion material. Entire excavation was backfilled with approximately 3,564 yds^3 of clean topsoil from top of cushion material to original ground elevation. The disturbed area was contoured to allow natural drainage and seeded with an approved Blue Grama grass blend.

C. **Analytical Data -** On February 12, 2008 nine (9) soil samples were collected from the south sidewall and bottom of excavation. Based on field analyses, four (4) sidewall soil samples were transported to an independent laboratory for analysis of TPH constituent and chloride concentrations. TPH concentrations ranged from 1,996 mg/Kg to 2,980 mg/Kg. Chloride concentrations were reported below remedial threshold goal of 250 mg/Kg (reference *Figure 6* for locations and *Table 3* for laboratory analytical results).

On February 18, 2008 fifteen (15) soil samples were collected from the west and east sidewalls and bottom from the southern sector of excavation. Based on field analyses, twelve (12) soil samples were transported to an independent laboratory for analysis of TPH constituent and chloride concentrations. TPH concentrations ranged from 106.4 mg/Kg to 256.9 mg/Kg in the west sidewall and <51.6 mg/Kg to 815.8 mg/Kg on excavation bottom. TPH concentrations in the east sidewall were reported below the NMOCD remedial threshold of 100 mg/Kg. Chloride concentrations were reported below the remedial threshold goal of 250 mg/Kg for all soil samples (reference *Figure 6* for locations and *Table 3 for laboratory analytical results*).

On February 19, 2008 four (4) soil samples were collected from the east sidewall of excavation and transported to an independent laboratory for analysis of TPH constituent and chloride concentrations. TPH constituent and chloride concentrations were reported below the NMOCD remedial threshold and remedial goal of 100 mg/Kg and 250 mg/Kg, respectively (reference *Figure 6* for locations and *Table 3* for laboratory analytical results).

On February 21, 2008 fifteen (15) soil samples were collected from the north sidewall and bottom of excavation. Based on field analyses, ten (10) soil samples were transported to an independent laboratory for analysis of TPH constituent and chloride concentrations. TPH concentrations ranged from <50.7 mg/Kg to 14,920 mg/Kg in the north sidewall and reported below the NMOCD remedial threshold of 100 mg/Kg on bottom. Chloride concentrations ranged from 130 mg/Kg to 611 mg/Kg in the north sidewall and <5.72 mg/Kg to 522 mg/Kg on bottom (reference *Figure 6* for locations and *Table 3* for laboratory analytical results).

On February 22, 2008 ten (10) soil samples were collected from the sidewalls and bottom from the northern sector of excavation and transported to an independent laboratory for analysis of TPH constituent and chloride concentrations. TPH concentrations were reported below the NMOCD remedial threshold of 100 mg/Kg for all soil samples. Chloride concentrations ranged from 32 mg/Kg to 752 mg/Kg in the sidewalls and 48 mg/Kg to 352 mg/Kg on bottom (reference *Figure 6* for locations and *Table 3* for laboratory analytical results).

On March 3, 2008 four (4) verification soil samples were collected from sidewalls and bottom of the northern sector of excavation and transported to an independent laboratory for analysis of TPH constituent and chloride concentrations. TPH concentrations were reported below the NMOCD remedial threshold of 100 mg/Kg for all soil samples. Chloride concentrations ranged from 224 mg/Kg to 912 mg/Kg (reference *Figure 6* for locations and *Table 3* for laboratory analytical results).

On March 5, 2008 one (1) verification soil sample was collected on bottom from the northern sector of excavation and transported to an independent laboratory for analysis of chloride concentrations. Chloride concentration was reported at 736 mg/Kg (reference *Figure 6* for locations and *Table 3* for laboratory analytical results).

D. **Conclusion**- According to field analyses and laboratory analytical results, soils within the bottom, north, south and west sidewalls are moderately hydrocarbon and chloride impacted. However, a review of *Table 2 Soil Boring Field Analyses and Laboratory Analytical Results* indicates residual hydrocarbon and chloride concentrations

diminish with vertical depth limiting potential for contamination of groundwater above NMOCD remedial threshold of 100 mg/Kg and New Mexico Water Quality Control Commission Ground Water Standards (NMWQCC) of 250 mg/L, respectively. This theory is further enhanced by noting distance between groundwater (~ 66-feet bgs) and lowest point of chloride impacted soil (~ 17-feet bgs) is approximately 49 vertical feet. With hydrocarbon and chloride impacts confined to a small area, natural attenuation should deplete the concentrations significantly during migration. In order to further avert migration of contaminants through the strata, a 40-mil impervious barrier was installed on bottom and extending vertically up the north, south and west sidewalls of excavation.

In view of extensive efforts exerted to remediate the release area, EPI requests the NMOCD require no additional remedial activity of the site and issue Chevron USA a *Site Closure Letter*.

Please address questions, concerns and/or needs for additional technical information to David P. Duncan at (575) 394-3481 (office), (575) 441-7802 (cellular) or via e-mail at dduncan@envplus.net. Official communications should be directed to Mr. Billy A. Anderson at (575) 394-1237, Ext. 6224 (office), (575) 441-0341 (mobile) or via e-mail at BillyAnderson@chevron.com with correspondence addressed to:

Mr. Billy A. Anderson
HES Champion
MidContinent SBU
Chevron North America
Exploration and Production Company
2401 Avenue O
P.O. Box 1949
Eunice, New Mexico 88231

Sincerely,

Brandon Farrar
Environmental Consultant

Cc: Billy A. Anderson, HES Champion, Chevron USA – Eunice, NM
Priscilla Brunson Moody Estate (c/o Mr. Charles James Moody)
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
Figure 6 – Excavation and Sample Location Map
Table 1 – Well Data
Table 2 – Summary of Soil Boring Field Analyses and Laboratory Analytical Results
Table 2 – Summary of Excavation Soil Sample Field Analyses and Laboratory Analytical Results
Attachment I – Site Photographs
Attachment II – Laboratory Analytical Results and Chain-of-Custody Forms
Attachment III – Soil Boring Logs
Attachment IV – Information and Metrics
Initial NMOCD Form C-141
Final NMOCD Form C-141

FIGURES

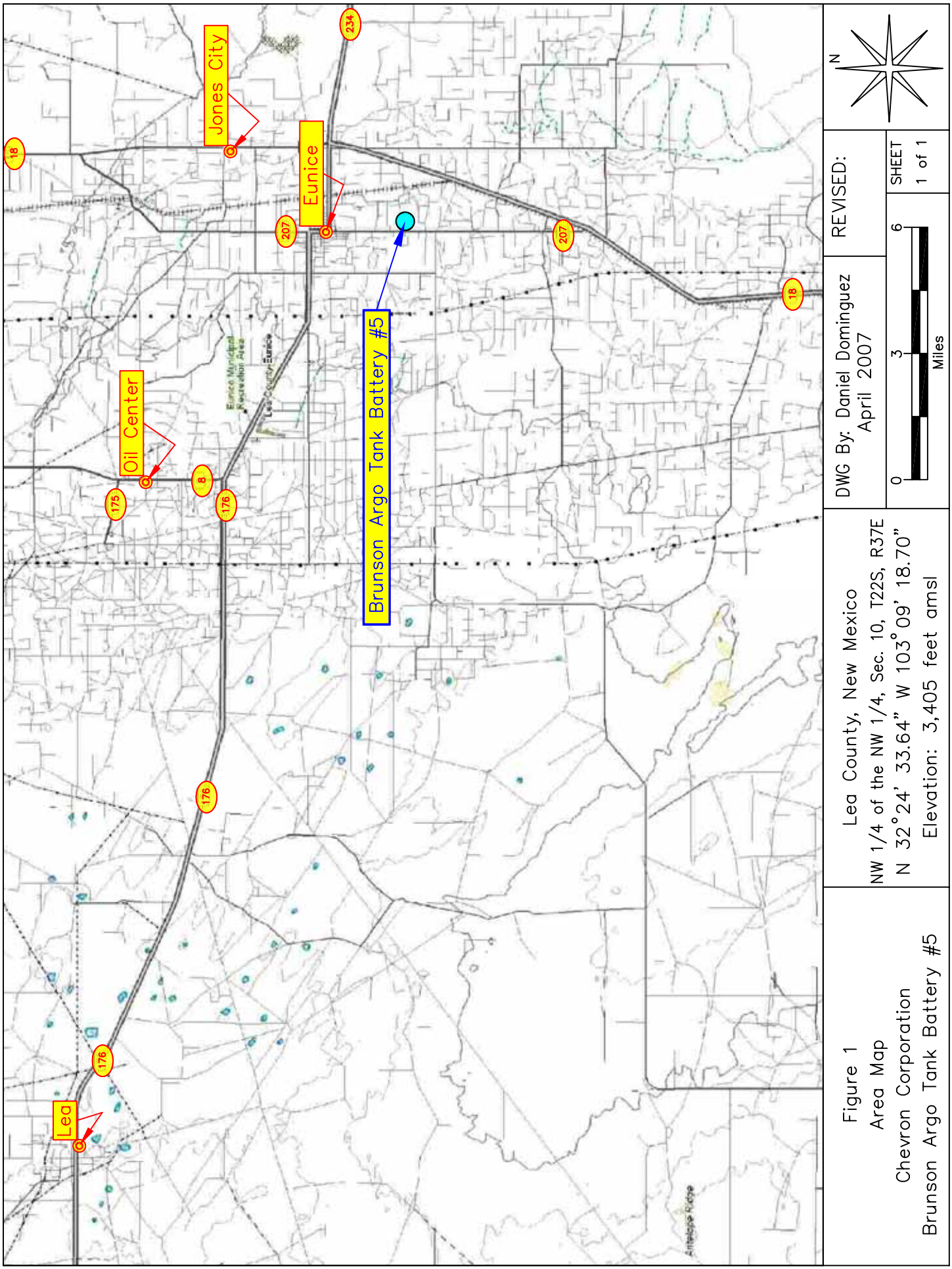


Figure 1
Area Map
Chevron Corporation
Brunson Argo Tank Battery #5

Lea County, New Mexico
NW 1/4 of the NW 1/4, Sec. 10, T22S, R37E
N 32°24' 33.64" W 103°09' 18.70"
Elevation: 3,405 feet amsl

DWG By: Daniel Dominguez
April 2007

REVISED:

SHEET 1 of 1

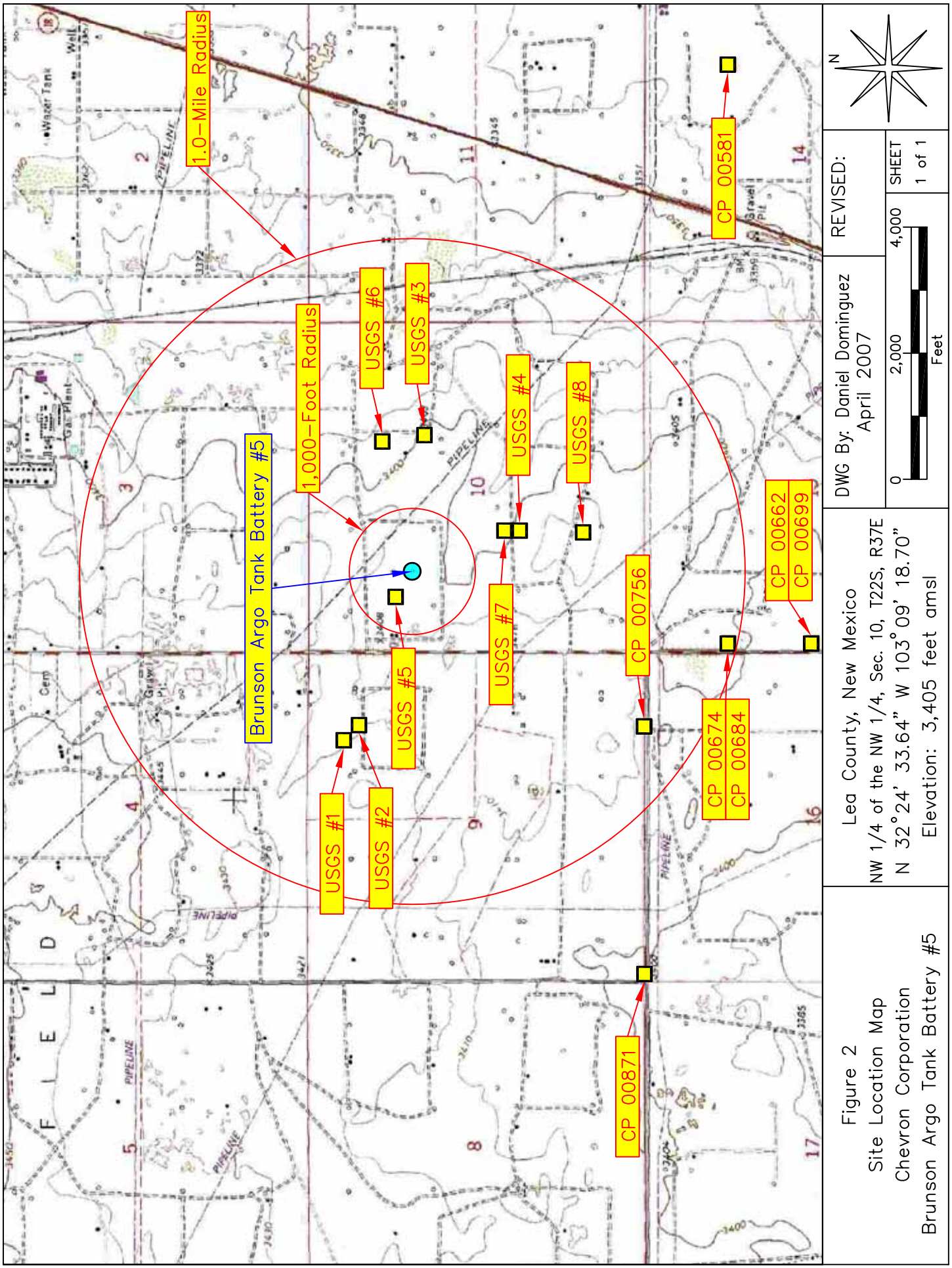


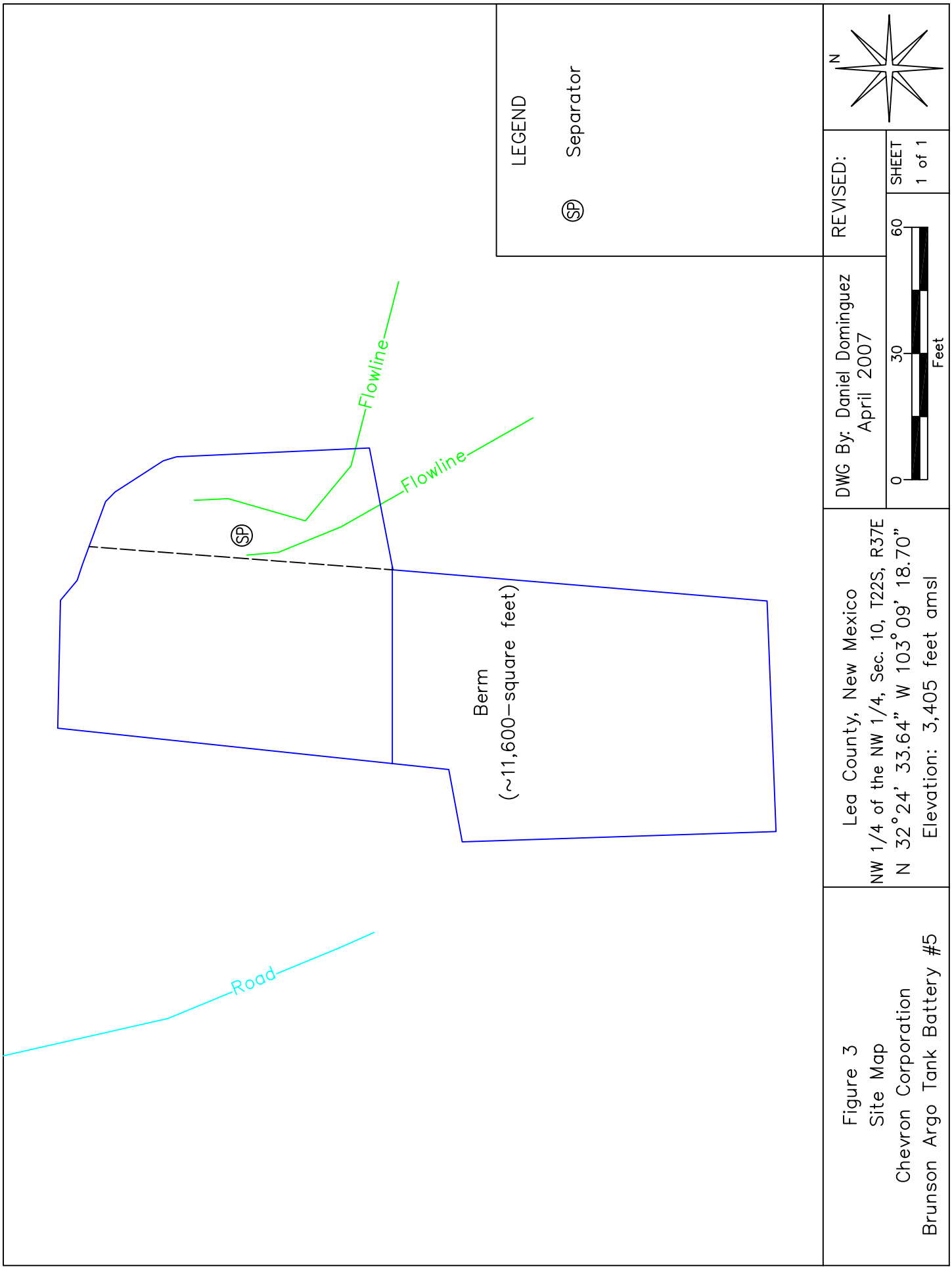
Figure 2
Site Location Map
Chevron Corporation
Brunson Argo Tank Battery #5

Lea County, New Mexico
NW 1/4 of the NW 1/4, Sec. 10, T22S, R37E
N 32°24' 33.64" W 103°09' 18.70"
Elevation: 3,405 feet amsl

DWG By: Daniel Dominguez
April 2007

REVISED:

SHEET 1 of 1


LEGEND
Separator
SP
Flowline
Flowline
SP
Berm
(~11,600-square feet)
Road
N
REVISED:
DWG By: Daniel Dominguez
April 2007
0
30
60
Feet
SHEET
1 of 1
Lea County, New Mexico
NW 1/4 of the NW 1/4, Sec. 10, T22S, R37E
N 32°24' 33.64" W 103°09' 18.70"
Elevation: 3,405 feet amsl
Figure 3
Site Map
Chevron Corporation
Brunson Argo Tank Battery #5

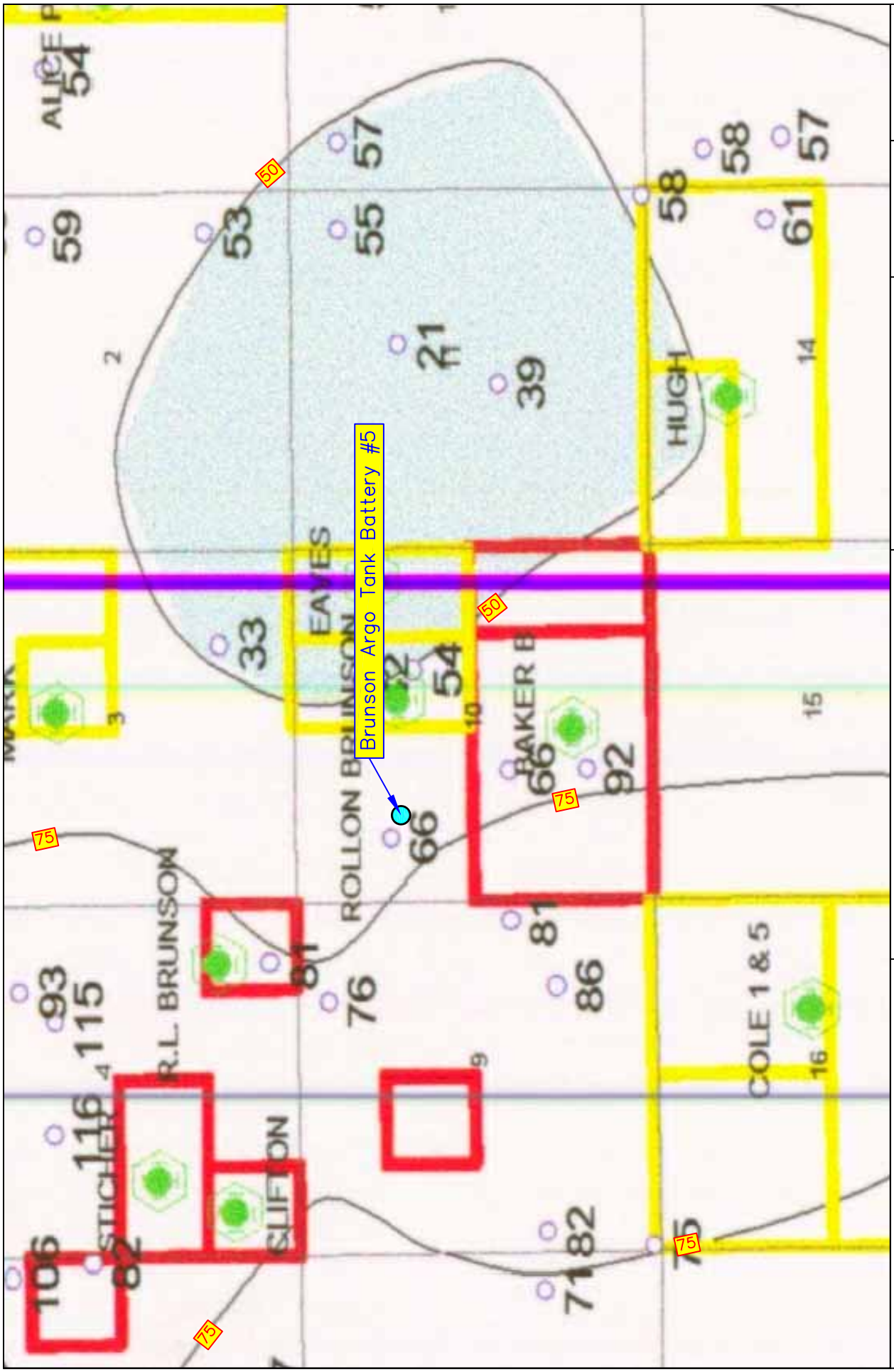
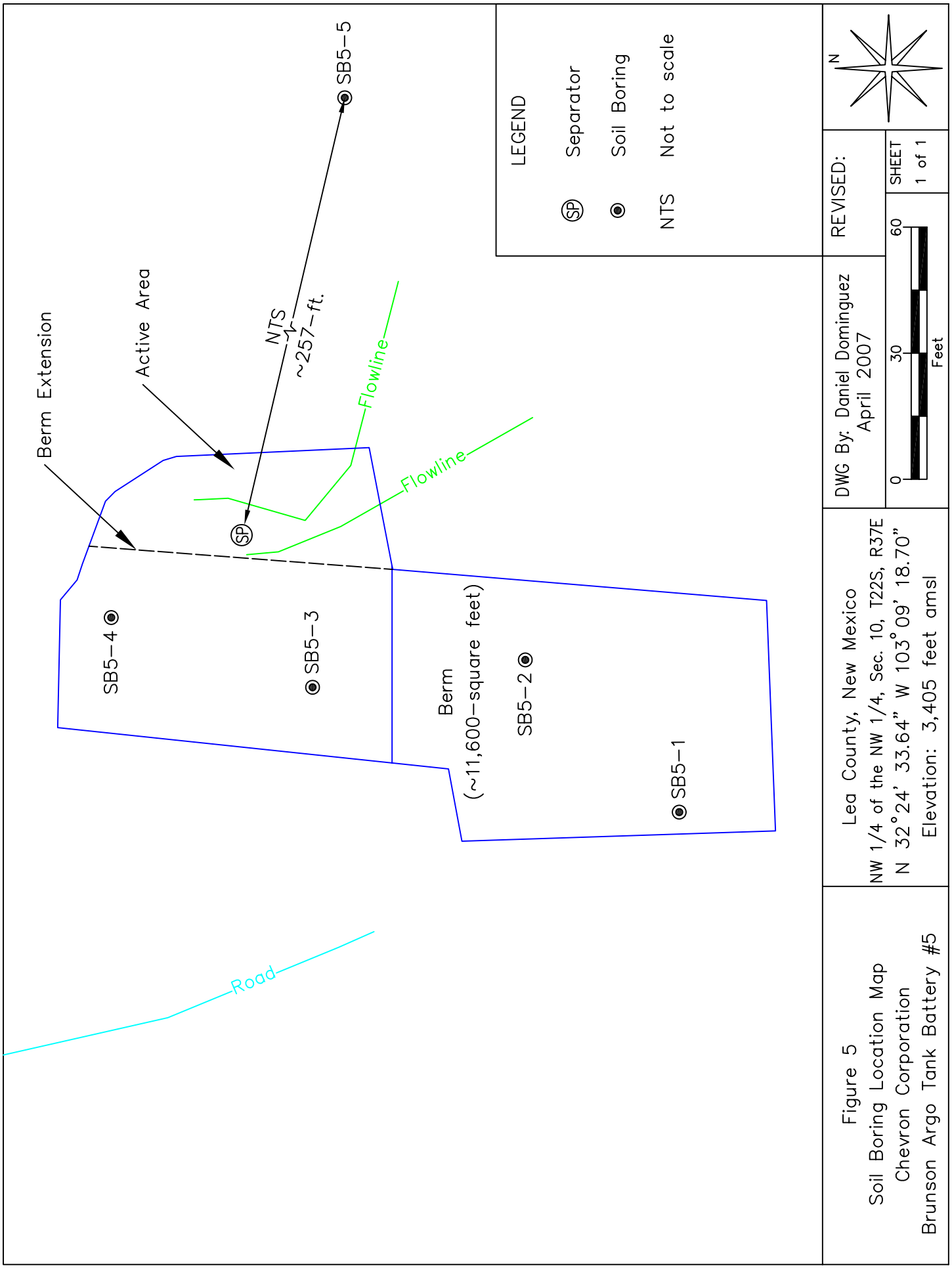
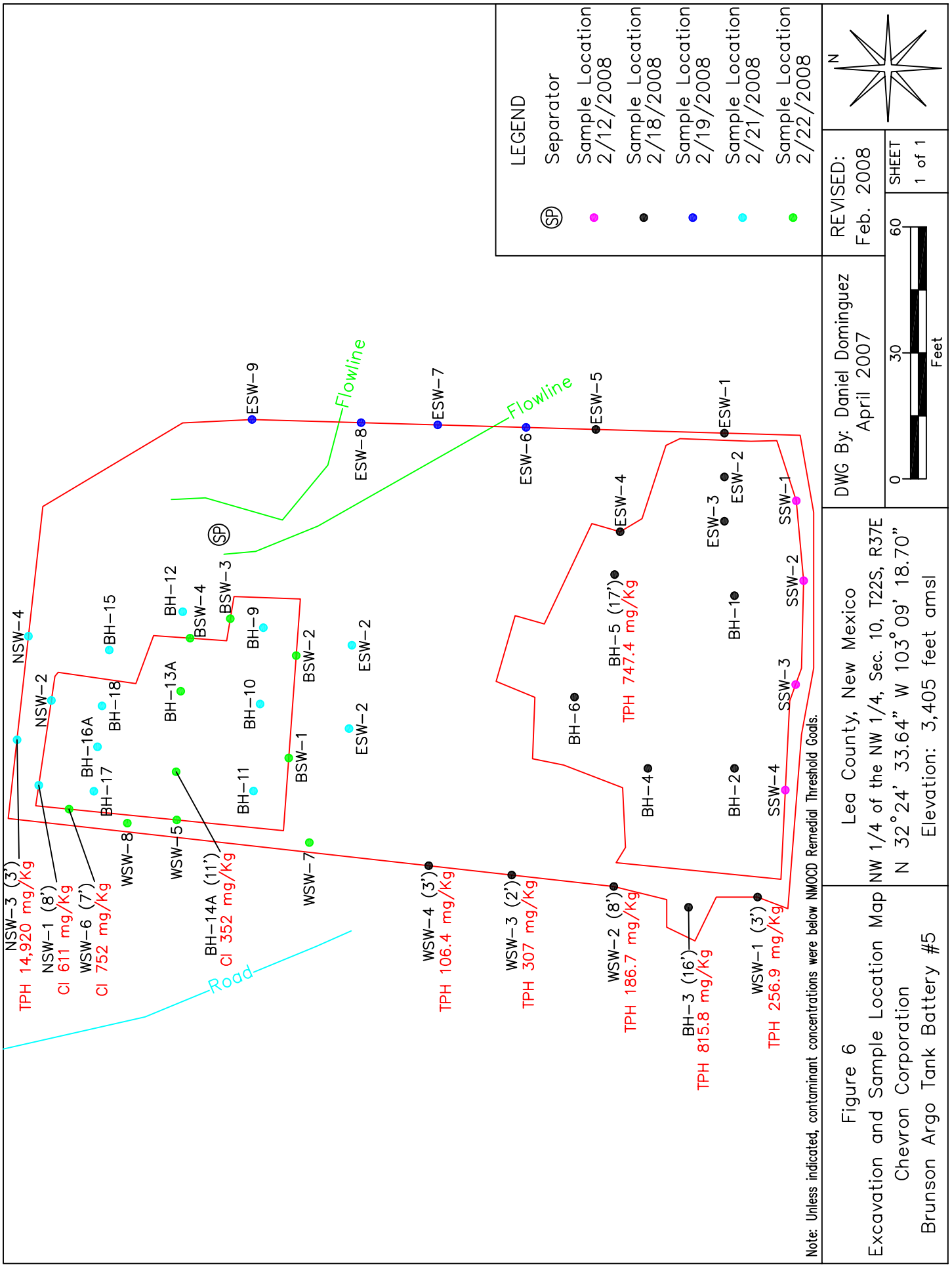


Figure 4
Groundwater Gradient Map
Chevron Corporation
Brunson Argo Tank Battery #5

Lea County, New Mexico
NW 1/4 of the NW 1/4, Sec. 10, T22S, R37E
N 32°24' 33.64" W 103°09' 18.70"
Elevation: 3,405 feet amsl


Berm Extension
Active Area
NTS
~257-ft.
SB5-5
Flowline
Flowline
SP
SB5-4
SB5-3
Berm
(~11,600-square feet)
SB5-2
SB5-1
Road
LEGEND
SP Separator
Soil Boring
NTS Not to scale
N
REVISED:
DWG By: Daniel Dominguez
April 2007
0
30
60
Feet
SHEET
1 of 1
Figure 5
Soil Boring Location Map
Chevron Corporation
Brunson Argo Tank Battery #5
Lea County, New Mexico
NW 1/4 of the NW 1/4, Sec. 10, T22S, R37E
N 32°24' 33.64" W 103°09' 18.70"
Elevation: 3,405 feet amsl


LEGEND
Separator
Sample Location 2/12/2008
Sample Location 2/18/2008
Sample Location 2/19/2008
Sample Location 2/21/2008
Sample Location 2/22/2008
SP
N
0
30
60
Feet
REVISED: Feb. 2008
DWG By: Daniel Dominguez April 2007
SHEET 1 of 1
NSW-3 (3') TPH 14,920 mg/Kg
NSW-1 (8') Cl 611 mg/Kg
WSW-6 (7') Cl 752 mg/Kg
BH-14A (11') Cl 352 mg/Kg
WSW-4 (3') TPH 106.4 mg/Kg
WSW-3 (2') TPH 307 mg/Kg
WSW-2 (8') TPH 186.7 mg/Kg
BH-3 (16') TPH 815.8 mg/Kg
WSW-1 (3') TPH 256.9 mg/Kg
BH-5 (17') TPH 747.4 mg/Kg
NSW-4
NSW-2
BH-15
BH-16A
BH-17
BH-18
WSW-8
WSW-5
BH-13A
BH-12
BSW-4
BSW-3
BH-11
BH-10
BH-9
BSW-2
BSW-1
WSW-7
ESW-2
ESW-9
ESW-8
ESW-7
ESW-6
ESW-5
ESW-4
BH-6
BH-4
BH-2
BH-1
ESW-3
ESW-2
ESW-1
SSW-4
SSW-3
SSW-2
SSW-1
Flowline
Flowline
Road
Note: Unless indicated, contaminant concentrations were below NMOCD Remedial Threshold Goals.
Figure 6
Excavation and Sample Location Map
Chevron Corporation
Brunson Argo Tank Battery #5
Lea County, New Mexico
NW 1/4 of the NW 1/4, Sec. 10, T22S, R37E
N 32°24' 33.64" W 103°09' 18.70"
Elevation: 3,405 feet amsl

TABLES

TABLE 1

WELL INFORMATION REPORT*

Chevron USA - Brunson Argo Tank Battery #5 (Ref #200130)

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 #5 (NMOCD Ref.#; EPI Ref.# 200130)

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)
SB5-1	2	In-situ	26-Apr-07	0.3	200	<0.0250	<0.00250	<0.0250	<0.0250	<0.0250	<0.125	10.0	156	72.9	239	12.3	5.31
SB5-1	5	In-situ	26-Apr-07	160.0	200	<0.0250	0.101	0.289	1.12	0.408	1.92	769	2,880	326	3,975	20.2	J [4.75]
SB5-1	10	In-situ	26-Apr-07	65.0	200	<0.0250	J [0.0103]	0.0408	0.0601	0.0305	0.131	48.9	194	25.3	268.0	54.5	J [4.58]
SB5-1	15	In-situ	26-Apr-07	34.0	260	<0.0250	<0.00250	<0.0250	<0.0250	<0.0250	<0.125	13.4	32.0	10.3	55.7	44.9	J [4.00]
SB5-1	20	In-situ	25-Apr-07	20.0	200	<0.0250	<0.00250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	41.4	5.06
SB5-2	2	In-situ	26-Apr-07	560.0	240	<0.0250	<0.00250	<0.0250	<0.0250	<0.0250	<0.125	12.2	513	154	679	55.4	8.79
SB5-2	5	In-situ	26-Apr-07	14.0	200	<0.0250	0.0526	0.309	0.377	0.0561	0.795	40.9	196	33.7	271	86.7	17.1
SB5-2	10	In-situ	26-Apr-07	34.0	200	<0.0250	0.0282	0.141	0.176	0.0267	0.372	35.3	136	24.9	196	50.5	8.25
SB5-2	15	In-situ	26-Apr-07	20.0	200	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	62.0	6.87
SB5-2	20	In-situ	26-Apr-07	17.0	160	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	53.7	7.01
SB5-3	2	In-situ	27-Apr-07	504.0	240	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	10.8	202	64.5	277	502	67.6
SB5-3	5	In-situ	27-Apr-07	397.0	240	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	178	**380**
SB5-3	10	In-situ	27-Apr-07	13.0	160	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	<5.00	9.56
SB5-3	15	In-situ	27-Apr-07	10.0	160	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	148	47.9

TABLE 2

Summary of Soil Boring Field Analyses and Laboratory Analytical Results

Chevron U.S.A. Inc.

Brunson Argo #5 (NMOCD Ref.#; EPI Ref.# 200130)

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)
SB5-4	2	In-situ	27-Apr-07	0.9	200	<0.0250	J [0.00101]	<0.0250	<0.0250	<0.0250	<0.125	12.5	108	49.7	170	**803**	J [9.79]
SB5-4	5	In-situ	27-Apr-07	0.8	200	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	**709**	J [7.54]
SB5-4	10	In-situ	27-Apr-07	0.9	200	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	192	28.1
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	600	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

TABLE 3

Summary of Excavation Field Analyses and Laboratory Analytical Results

Chevron U.S.A. Inc.

Brunson Argo #5 (NMOCD Ref.#; EPI Ref.# 200130)

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)	Gas Range Organics (GRO) (C6-C12) (mg/Kg)	Diesel Range Organics (GRO) (C12-C28) (mg/Kg)	Oil Range Organics (ORO) (C28-C35) (mg/Kg)	Total Petroleum Hydrocarbons (C6-C35) (mg/Kg)	Chloride (mg/Kg)
SSW-1	2	In situ	12-Feb-08	573	- -	- -	- -	- -	- -	- -	- -	426	1,570	- -	**1,996**	224
SSW-2	3	In situ	12-Feb-08	201	- -	- -	- -	- -	- -	- -	- -	198	442	- -	**640**	<16.0
SSW-3	3	In situ	12-Feb-08	950	- -	- -	- -	- -	- -	- -	- -	1,230	1,750	- -	**2,980**	<16.0
SSW-4	2	In situ	12-Feb-08	20.5	240	- -	- -	- -	- -	- -	- -	<10.0	<10.0	- -	<20.0	<16.0
BH-1	6	In situ	12-Feb-08	483	160	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
BH-2	5	In situ	12-Feb-08	850	160	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
BH-3	5	In situ	12-Feb-08	240	160	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
ESW-1	3	In situ	12-Feb-08	25.2	2,000	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
ESW-2	3	In situ	12-Feb-08	4.1	240	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
BH-1	14	In situ	18-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
BH-2	12	In situ	18-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	<16.3	35.8	24.4	60.2	<5.00
BH-3	16	In situ	18-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	85.1	652	78.7	**815.8**	<5.00
BH-4	10	In situ	18-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	<17.2	<17.2	<17.2	<51.6	- -
BH-5	17	In situ	18-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	138	537	72.4	**747.4**	<5.00
BH-6	10	In situ	18-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	<18.6	<18.6	<18.6	<55.8	<5.00

TABLE 3

Summary of Excavation Field Analyses and Laboratory Analytical Results

Chevron U.S.A. Inc.

Brunson Argo #5 (NMOCD Ref.#; EPI Ref.# 200130)

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)	Gas Range Organics (GRO) (C6-C12) (mg/Kg)	Diesel Range Organics (GRO) (C12-C28) (mg/Kg)	Oil Range Organics (ORO) (C28-C35) (mg/Kg)	Total Petroleum Hydrocarbons (C6-C35) (mg/Kg)	Chloride (mg/Kg)
ESW-1	1	In situ	18-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
ESW-2	4	In situ	18-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	<16.2	26.4	19.9	46.3	- -
ESW-3	9	In situ	18-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	<16.8	<16.8	<16.8	50.4	20.0
ESW-4	8	In situ	18-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	<16.4	<16.4	<16.4	<49.2	<5.00
ESW-5	1	In situ	18-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
WSW-1	3	In situ	18-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	<15.3	96.9	160	**256.9**	- -
WSW-2	8	In situ	18-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	<15.8	142	44.7	**186.7**	<5.00
WSW-3	2	In situ	18-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	<15.6	177	130	**307**	<5.00
WSW-4	3	In situ	18-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	<16.4	45.4	61	**106.4**	<5.45
ESW-6	1	In situ	19-Feb-08	0.0	80	- -	- -	- -	- -	- -	- -	<10.0	<10.0	- -	<20.0	<16
ESW-7	2	In situ	19-Feb-08	0.0	80	- -	- -	- -	- -	- -	- -	<10.0	71.3	- -	71.3	<16
ESW-8	1	In situ	19-Feb-08	0.0	160	- -	- -	- -	- -	- -	- -	<10.0	<10.0	- -	<20.0	<16
ESW-9	2	In situ	19-Jan-08	0.0	80	- -	- -	- -	- -	- -	- -	<10.0	<10.0	- -	<20.0	<16
BH-7	5	In situ	21-Feb-08	2.6	80	- -	- -	- -	- -	- -	- -	<17.2	<17.2	<17.2	<51.6	<5.72
BH-8	5	In situ	21-Feb-08	31.5	80	- -	- -	- -	- -	- -	- -	<16.9	22.5	<16.9	22.5	<5.64

TABLE 3

Summary of Excavation Field Analyses and Laboratory Analytical Results

Chevron U.S.A. Inc.

Brunson Argo #5 (NMOCD Ref.#; EPI Ref.# 200130)

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)	Gas Range Organics (GRO) (C6-C12) (mg/Kg)	Diesel Range Organics (GRO) (C12-C28) (mg/Kg)	Oil Range Organics (ORO) (C28-C35) (mg/Kg)	Total Petroleum Hydrocarbons (C6-C35) (mg/Kg)	Chloride (mg/Kg)
BH-9	5	In situ	21-Feb-08	0.0	80	- -	- -	- -	- -	- -	- -	<16.8	<16.8	<16.8	<50.4	<5.59
BH-10	5	In situ	21-Feb-08	0.2	160	- -	- -	- -	- -	- -	- -	<17.2	<17.2	<17.2	<51.6	50.2
BH-11	5	In situ	21-Feb-08	12.6	80	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
BH-12	5	In situ	21-Feb-08	26.4	160	--	- -	- -	- -	- -	- -	<16.9	<16.9	<16.9	<50.7	<5.63
BH-13	6	Excavated	21-Feb-08	125	160	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
BH-14	5	Excavated	21-Feb-08	31.5	320	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
BH-15	6	In situ	21-Feb-08	3.9	160	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
BH-16	5	Excavated	21-Feb-08	195	400	- -	- -	- -	- -	- -	- -	<16.2	38.2	<16.2	38.2	**522**
BH-17	8	In situ	21-Feb-08	7.1	880	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
BH-18	8	In situ	21-Feb-08	12.5	400	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
BH-16A	14	In situ	21-Feb-08	33.6	320	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
NSW-1	8	In situ	21-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	<16.5	31.9	<16.5	31.9	**611**
NSW-2	6	In situ	21-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	<16.9	<16.9	<16.9	<50.7	130
NSW-3	3	Excavated	21-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	1,430	12,000	1,490	**14,920**	163
NSW-4	2	In situ	21-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	<15.5	51.4	<15.5	51.4	16.2

TABLE 3

Summary of Excavation Field Analyses and Laboratory Analytical Results

Chevron U.S.A. Inc.

Brunson Argo #5 (NMOCD Ref.#; EPI Ref.# 200130)

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)	Gas Range Organics (GRO) (C6-C12) (mg/Kg)	Diesel Range Organics (GRO) (C12-C28) (mg/Kg)	Oil Range Organics (ORO) (C28-C35) (mg/Kg)	Total Petroleum Hydrocarbons (C6-C35) (mg/Kg)	Chloride (mg/Kg)
BH-13A	10	In situ	22-Feb-08	0.6	160	- -	- -	- -	- -	- -	- -	<10	<10	- -	<20.0	48
BH-14A	11	In situ	22-Feb-08	0.4	400	- -	- -	- -	- -	- -	- -	<10.0	<10.0	- -	<20.0	**352**
BSW-1	7	In situ	22-Feb-08	0.0	240	- -	- -	- -	- -	- -	- -	<10.0	<10.0	- -	<20.0	208
BSW-2	8	In situ	22-Feb-08	0.4	160	- -	- -	- -	- -	- -	- -	<10.0	<10.0	- -	<20.0	32
BSW-3	6	In situ	22-Feb-08	0.9	160	- -	- -	- -	- -	- -	- -	<10.0	<10.0	- -	<20.0	32
BSW-4	7	In situ	22-Feb-08	0.3	200	- -	- -	- -	- -	- -	- -	<10.0	<10.0	- -	<20.0	64
WSW-5	8	In situ	22-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	<10.0	<10.0	- -	<20.0	80
WSW-6	7	In situ	22-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	<10.0	<10.0	- -	<20.0	**752**
WSW-7	3	In situ	22-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	<10.0	<10.0	- -	<20.0	96
WSW-8	2	In situ	22-Feb-08	- -	- -	- -	- -	- -	- -	- -	- -	<10.0	<10.0	- -	<20.0	224
EP-1	3	In situ	03-Mar-08	31.0	240	- -	- -	- -	- -	- -	- -	<10.0	<10.0	- -	<20.0	**256**
NSW-3B	3	In situ	03-Mar-08	0.0	240	- -	- -	- -	- -	- -	- -	<10.0	<10.0	- -	<20.0	224
WP-1	3	In situ	03-Mar-08	0.0	240	- -	- -	- -	- -	- -	- -	<10.0	<10.0	- -	<20.0	**256**
BP-1B	5	Excavated	03-Mar-08	0.0	720	- -	- -	- -	- -	- -	- -	<10.0	<10.0	- -	<20.0	**912**
BP-1C	12	In situ	05-Mar-08	- -	560	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	**736**

TABLE 3

Summary of Excavation Field Analyses and Laboratory Analytical Results

Chevron U.S.A. Inc.

Brunson Argo #5 (NMOCD Ref.#; EPI Ref.# 200130)

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)	Gas Range Organics (GRO) (C6-C12) (mg/Kg)	Diesel Range Organics (GRO) (C12-C28) (mg/Kg)	Oil Range Organics (ORO) (C28-C35) (mg/Kg)	Total Petroleum Hydrocarbons (C6-C35) (mg/Kg)	Chloride (mg/Kg)
NMOCD Remedial Threshold Goals				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)
Nomenclature: BG = Background Soil Boring; BH=Bottom Hole; SW=Sidewall (E=east,W=west, S=south and N=north)

ATTACHMENTS

ATTACHMENT I
SITE PHOTOGRAPHS

Photograph No. 1 – Looking northerly across interior of bermed area.

Photograph No. 2 – Looking northwesterly across interior of bermed area.

Photograph No. 3 – Looking across excavation area.

Photograph No. 4 – Looking northeasterly across excavation area.

Photograph No. 5 – Looking southerly across excavation area.

Photograph No. 6 – Looking southerly across installation of liner.

Photograph No. 7 – Looking across excavation area.

Photograph No. 8 – Looking across installation of liner.

Photograph No. 9 – Remediated site.

Photograph No. 10 – Remediated site.

ATTACHMENT II
LABORATORY ANALYTICAL RESULTS
AND
CHAIN-OF-CUSTODY FORMS

ENVIRONMENTAL LAB OF
12600 West I-20 East - Odessa, Texas 79765
A Xenco Laboratories Company

Analytical Report

Prepared for:

Iain Olness

Environmental Plus, Incorporated

P.O. Box 1558

Eunice, NM 88231

Project: Chevron/Brunson Argo TB # 5

Project Number: 200130

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

Lab Order Number: 7D30017

Report Date: 05/08/07

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

Project: Chevron/Brunson Argo TB # 5
Project Number: 200130
Project Manager: Iain Olness

Fax: 505-394-2601

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-1 (2')	7D30017-01	Soil	04/26/07 12:35	04-30-2007 15:42
SB-1 (5')	7D30017-02	Soil	04/26/07 12:41	04-30-2007 15:42
SB-1 (10')	7D30017-03	Soil	04/26/07 13:01	04-30-2007 15:42
SB-1 (15')	7D30017-04	Soil	04/26/07 14:15	04-30-2007 15:42
SB-1 (20')	7D30017-05	Soil	04/26/07 15:44	04-30-2007 15:42
SB-2 (2')	7D30017-06	Soil	04/26/07 15:50	04-30-2007 15:42
SB-2 (5')	7D30017-07	Soil	04/26/07 16:00	04-30-2007 15:42
SB-2 (10')	7D30017-08	Soil	04/26/07 16:15	04-30-2007 15:42
SB-2 (15')	7D30017-09	Soil	04/26/07 17:05	04-30-2007 15:42
SB-2 (20')	7D30017-10	Soil	04/26/07 17:15	04-30-2007 15:42
SB-3 (2')	7D30017-11	Soil	04/27/07 07:15	04-30-2007 15:42
SB-3 (5')	7D30017-12	Soil	04/27/07 07:30	04-30-2007 15:42
SB-3 (10')	7D30017-13	Soil	04/27/07 08:00	04-30-2007 15:42
SB-3 (15')	7D30017-14	Soil	04/27/07 10:10	04-30-2007 15:42
SB-4 (2')	7D30017-15	Soil	04/27/07 10:35	04-30-2007 15:42
SB-4 (5')	7D30017-16	Soil	04/27/07 10:41	04-30-2007 15:42
SB-4 (10')	7D30017-17	Soil	04/27/07 11:30	04-30-2007 15:42

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Environmental Plus, Incorporated	Project: Chevron/Brunson Argo TB # 5	Fax: 505-394-2601
P.O. Box 1558	Project Number: 200130	
Eunice NM, 88231	Project Manager: Iain Olness	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 (2') (7D30017-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE70207	05/02/07	05/03/07	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		*98.0 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.6 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	**10.0**	10.0	mg/kg dry	1	EE70104	05/01/07	05/03/07	EPA 8015M	
Carbon Ranges C12-C28	**156**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**72.9**	10.0	"	"	"	"	"	"	
Total Hydrocarbons	**239**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*83.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*101 %*	*70-130*		"	"	"	"	
SB-1 (5') (7D30017-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE70207	05/02/07	05/03/07	EPA 8021B	
Toluene	**0.101**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.289**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**1.12**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.408**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*108 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*141 %*	*75-125*		"	"	"	"	*S-04*
Carbon Ranges C6-C12	**769**	50.0	mg/kg dry	5	EE70104	05/01/07	05/03/07	EPA 8015M	
Carbon Ranges C12-C28	**2880**	50.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**326**	50.0	"	"	"	"	"	"	
Total Hydrocarbons	**3980**	50.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*18.8 %*	*70-130*		"	"	"	"	*S-06*
Surrogate: 1-Chlorooctadecane		*27.4 %*	*70-130*		"	"	"	"	*S-06*
SB-1 (10') (7D30017-03) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE70207	05/02/07	05/03/07	EPA 8021B	
Toluene	**J [0.0103]**	0.0250	"	"	"	"	"	"	J
Ethylbenzene	**0.0408**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.0601**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.0305**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*94.4 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.2 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	**48.9**	10.0	mg/kg dry	1	EE70104	05/01/07	05/03/07	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-1 (10') (7D30017-03) Soil									
Carbon Ranges C12-C28	**194**	10.0	mg/kg dry	1	EE70104	05/01/07	05/03/07	EPA 8015M	
Carbon Ranges C28-C35	**25.3**	10.0	"	"	"	"	"	"	
Total Hydrocarbons	**268**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*92.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*103 %*	*70-130*		"	"	"	"	
SB-1 (15') (7D30017-04) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70207	05/02/07	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		*78.2 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.2 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	**13.4**	10.0	mg/kg dry	1	EE70104	05/01/07	05/03/07	EPA 8015M	
Carbon Ranges C12-C28	**32.0**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**10.3**	10.0	"	"	"	"	"	"	
Total Hydrocarbons	**55.6**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*87.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*102 %*	*70-130*		"	"	"	"	
SB-1 (20') (7D30017-05) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70207	05/02/07	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		*75.6 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*76.2 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70105	05/01/07	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		*75.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*90.2 %*	*70-130*		"	"	"	"	

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Project Manager: Iain Olness

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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') (7D30017-06) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE70207	05/02/07	05/03/07	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		*101 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.0 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	**12.2**	10.0	mg/kg dry	1	EE70105	05/01/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	**513**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**154**	10.0	"	"	"	"	"	"	
Total Hydrocarbons	**679**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*86.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*103 %*	*70-130*		"	"	"	"	
SB-2 (5') (7D30017-07) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE70207	05/02/07	05/03/07	EPA 8021B	
Toluene	**0.0526**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.309**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.377**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.0561**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*111 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	**40.9**	10.0	mg/kg dry	1	EE70105	05/01/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	**196**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**33.7**	10.0	"	"	"	"	"	"	
Total Hydrocarbons	**271**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*91.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*101 %*	*70-130*		"	"	"	"	
SB-2 (10') (7D30017-08) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE70207	05/02/07	05/03/07	EPA 8021B	
Toluene	**0.0282**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.141**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.176**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.0267**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*94.0 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	**35.3**	10.0	mg/kg dry	1	EE70105	05/01/07	05/04/07	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-2 (10') (7D30017-08) Soil									
Carbon Ranges C12-C28	**136**	10.0	mg/kg dry	1	EE70105	05/01/07	05/04/07	EPA 8015M	
Carbon Ranges C28-C35	**24.9**	10.0	"	"	"	"	"	"	
Total Hydrocarbons	**196**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*93.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*102 %*	*70-130*		"	"	"	"	
SB-2 (15') (7D30017-09) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70207	05/02/07	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		*81.4 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85.0 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70105	05/01/07	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		*94.6 %*	*70-130*		"	"	"	"	
SB-2 (20') (7D30017-10) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70207	05/02/07	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		*83.8 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*83.2 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70105	05/01/07	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		*83.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*99.2 %*	*70-130*		"	"	"	"	

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Organics by GC

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-3 (2') (7D30017-11) 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		*75.4 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*78.4 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	**10.8**	10.0	mg/kg dry	1	EE70105	05/01/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	**202**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**64.5**	10.0	"	"	"	"	"	"	
Total Hydrocarbons	**280**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*84.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*101 %*	*70-130*		"	"	"	"	
SB-3 (5') (7D30017-12) 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		*93.0 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.8 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70105	05/01/07	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		*84.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*99.0 %*	*70-130*		"	"	"	"	
SB-3 (10') (7D30017-13) 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		*92.2 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.6 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70105	05/01/07	05/04/07	EPA 8015M	

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Organics by GC

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-3 (10') (7D30017-13) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	EE70105	05/01/07	05/04/07	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*83.2 %*	*70-130*		*"*	*"*	*"*	*"*	
Surrogate: 1-Chlorooctadecane		*98.2 %*	*70-130*		*"*	*"*	*"*	*"*	
SB-3 (15') (7D30017-14) 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		*83.8 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*85.0 %*	*75-125*		*"*	*"*	*"*	*"*	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70105	05/01/07	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		*81.8 %*	*70-130*		*"*	*"*	*"*	*"*	
Surrogate: 1-Chlorooctadecane		*95.0 %*	*70-130*		*"*	*"*	*"*	*"*	
SB-4 (2') (7D30017-15) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70306	05/03/07	05/03/07	EPA 8021B	
Toluene	**J [0.00101]**	0.00200	"	"	"	"	"	"	J
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		*79.0 %*	*75-125*		*"*	*"*	*"*	*"*	
Carbon Ranges C6-C12	**12.5**	10.0	mg/kg dry	1	EE70105	05/01/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	**108**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**49.7**	10.0	"	"	"	"	"	"	
Total Hydrocarbons	**170**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*85.6 %*	*70-130*		*"*	*"*	*"*	*"*	
Surrogate: 1-Chlorooctadecane		*99.4 %*	*70-130*		*"*	*"*	*"*	*"*	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-4 (5') (7D30017-16) 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		*83.2 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*81.0 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70105	05/01/07	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		*84.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*98.0 %*	*70-130*		"	"	"	"	
SB-4 (10') (7D30017-17) 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		*91.2 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.8 %*	*75-125*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70105	05/01/07	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		*81.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*96.6 %*	*70-130*		"	"	"	"	

Environmental Plus, Incorporated
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Project Manager: Iain Olness

Fax: 505-394-2601

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 (2') (7D30017-01) Soil									
Chloride	**5.31**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
% Moisture	**14.8**	0.1	%	1	EE70208	05/01/07	05/01/07	% calculation	
Sulfate	**12.3**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
SB-1 (5') (7D30017-02) Soil									
Chloride	**J [4.75]**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	J
% Moisture	**18.7**	0.1	%	1	EE70208	05/01/07	05/01/07	% calculation	
Sulfate	**20.2**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
SB-1 (10') (7D30017-03) Soil									
Chloride	**J [4.58]**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	J
% Moisture	**10.1**	0.1	%	1	EE70208	05/01/07	05/01/07	% calculation	
Sulfate	**54.5**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
SB-1 (15') (7D30017-04) Soil									
Chloride	**J [4.00]**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	J
% Moisture	**9.2**	0.1	%	1	EE70208	05/01/07	05/01/07	% calculation	
Sulfate	**44.9**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
SB-1 (20') (7D30017-05) Soil									
Chloride	**5.06**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
% Moisture	**15.0**	0.1	%	1	EE70208	05/01/07	05/01/07	% calculation	
Sulfate	**41.4**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
SB-2 (2') (7D30017-06) Soil									
Chloride	**8.79**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
% Moisture	**6.7**	0.1	%	1	EE70208	05/01/07	05/01/07	% calculation	
Sulfate	**55.4**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
SB-2 (5') (7D30017-07) Soil									
Chloride	**17.1**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
% Moisture	**11.7**	0.1	%	1	EE70208	05/01/07	05/01/07	% calculation	
Sulfate	**86.7**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	

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

Project: Chevron/Brunson Argo TB # 5
Project Number: 200130
Project Manager: Iain Olness

Fax: 505-394-2601

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-2 (10') (7D30017-08) Soil									
Chloride	**8.25**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
% Moisture	**8.7**	0.1	%	1	EE70208	05/01/07	05/01/07	% calculation	
Sulfate	**50.5**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
SB-2 (15') (7D30017-09) Soil									
Chloride	**6.87**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
% Moisture	**7.5**	0.1	%	1	EE70208	05/01/07	05/01/07	% calculation	
Sulfate	**62.0**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
SB-2 (20') (7D30017-10) Soil									
Chloride	**7.01**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
% Moisture	**6.3**	0.1	%	1	EE70208	05/01/07	05/01/07	% calculation	
Sulfate	**53.7**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
SB-3 (2') (7D30017-11) Soil									
Chloride	**67.6**	10.0	mg/kg	20	EE70708	05/07/07	05/07/07	EPA 300.0	
% Moisture	**8.6**	0.1	%	1	EE70208	05/01/07	05/01/07	% calculation	
Sulfate	**502**	10.0	mg/kg	20	EE70708	05/07/07	05/07/07	EPA 300.0	
SB-3 (5') (7D30017-12) Soil									
Chloride	**380**	10.0	mg/kg	20	EE70708	05/07/07	05/07/07	EPA 300.0	
% Moisture	**14.1**	0.1	%	1	EE70208	05/01/07	05/01/07	% calculation	
Sulfate	**178**	10.0	mg/kg	20	EE70708	05/07/07	05/07/07	EPA 300.0	
SB-3 (10') (7D30017-13) Soil									
Chloride	**9.56**	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
% Moisture	**8.7**	0.1	%	1	EE70208	05/01/07	05/01/07	% calculation	
Sulfate	ND	5.00	mg/kg	10	EE70708	05/07/07	05/07/07	EPA 300.0	
SB-3 (15') (7D30017-14) Soil									
Chloride	**47.9**	5.00	mg/kg	10	EE70713	05/07/07	05/08/07	EPA 300.0	
% Moisture	**13.6**	0.1	%	1	EE70208	05/01/07	05/01/07	% calculation	
Sulfate	**148**	5.00	mg/kg	10	EE70713	05/07/07	05/08/07	EPA 300.0	

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Environmental Plus, Incorporated	Project: Chevron/Brunson Argo TB # 5	Fax: 505-394-2601
P.O. Box 1558	Project Number: 200130	
Eunice NM, 88231	Project Manager: Iain Olness	

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-4 (2') (7D30017-15) Soil									
Chloride	**J [9.79]**	10.0	mg/kg	20	EE70713	05/07/07	05/08/07	EPA 300.0	J
% Moisture	**12.0**	0.1	%	1	EE70208	05/01/07	05/01/07	% calculation	
Sulfate	**803**	10.0	mg/kg	20	EE70713	05/07/07	05/08/07	EPA 300.0	
SB-4 (5') (7D30017-16) Soil									
Chloride	**J [7.54]**	10.0	mg/kg	20	EE70713	05/07/07	05/08/07	EPA 300.0	J
% Moisture	**15.0**	0.1	%	1	EE70208	05/01/07	05/01/07	% calculation	
Sulfate	**709**	10.0	mg/kg	20	EE70713	05/07/07	05/08/07	EPA 300.0	
SB-4 (10') (7D30017-17) Soil									
Chloride	**28.1**	5.00	mg/kg	10	EE70713	05/07/07	05/08/07	EPA 300.0	
% Moisture	**8.6**	0.1	%	1	EE70208	05/01/07	05/01/07	% calculation	
Sulfate	**192**	5.00	mg/kg	10	EE70713	05/07/07	05/08/07	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 EE70104 - Solvent Extraction (GC)										
Blank (EE70104-BLK1)				Prepared: 05/01/07 Analyzed: 05/03/07						
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	*47.5*		*mg/kg*	*50.0*		*95.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*54.9*		*"*	*50.0*		*110*	*70-130*			
LCS (EE70104-BS1)				Prepared: 05/01/07 Analyzed: 05/03/07						
Carbon Ranges C6-C12	625	10.0	mg/kg wet	500		125	75-125			
Carbon Ranges C12-C28	527	10.0	"	500		105	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00			75-125			
Total Hydrocarbons	1150	10.0	"	1000		115	75-125			
Surrogate: 1-Chlorooctane	*61.5*		*mg/kg*	*50.0*		*123*	*70-130*			
Surrogate: 1-Chlorooctadecane	*56.8*		*"*	*50.0*		*114*	*70-130*			
Calibration Check (EE70104-CCV1)				Prepared: 05/01/07 Analyzed: 05/03/07						
Carbon Ranges C6-C12	219		mg/kg	250		87.6	80-120			
Carbon Ranges C12-C28	210		"	250		84.0	80-120			
Total Hydrocarbons	429		"	500		85.8	80-120			
Surrogate: 1-Chlorooctane	*56.1*		*"*	*50.0*		*112*	*70-130*			
Surrogate: 1-Chlorooctadecane	*59.0*		*"*	*50.0*		*118*	*70-130*			
Matrix Spike (EE70104-MS1)	**Source: 7D30017-04**			Prepared: 05/01/07 Analyzed: 05/04/07						
Carbon Ranges C6-C12	645	10.0	mg/kg dry	551	13.4	115	75-125			
Carbon Ranges C12-C28	518	10.0	"	551	32.0	88.2	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00	10.3		75-125			
Total Hydrocarbons	1160	10.0	"	1100	55.6	100	75-125			
Surrogate: 1-Chlorooctane	*48.9*		*mg/kg*	*50.0*		*97.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.7*		*"*	*50.0*		*87.4*	*70-130*			

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Environmental Plus, Incorporated	Project: Chevron/Brunson Argo TB # 5	Fax: 505-394-2601
P.O. Box 1558	Project Number: 200130	
Eunice NM, 88231	Project Manager: Iain Olness	

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 EE70104 - Solvent Extraction (GC)										
Matrix Spike Dup (EE70104-MSD1)	**Source: 7D30017-04**			Prepared: 05/01/07 Analyzed: 05/04/07						
Carbon Ranges C6-C12	659	10.0	mg/kg dry	551	13.4	117	75-125	1.72	20	
Carbon Ranges C12-C28	528	10.0	"	551	32.0	90.0	75-125	2.02	20	
Carbon Ranges C28-C35	ND	10.0	"	0.00	10.3		75-125		20	
Total Hydrocarbons	1190	10.0	"	1100	55.6	103	75-125	2.96	20	
Surrogate: 1-Chlorooctane	*50.8*		*mg/kg*	*50.0*		*102*	*70-130*			
Surrogate: 1-Chlorooctadecane	*45.1*		*"*	*50.0*		*90.2*	*70-130*			
Batch EE70105 - Solvent Extraction (GC)										
Blank (EE70105-BLK1)				Prepared: 05/01/07 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	*42.6*		*mg/kg*	*50.0*		*85.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*49.6*		*"*	*50.0*		*99.2*	*70-130*			
LCS (EE70105-BS1)				Prepared: 05/01/07 Analyzed: 05/04/07						
Carbon Ranges C6-C12	560	10.0	mg/kg wet	500		112	75-125			
Carbon Ranges C12-C28	441	10.0	"	500		88.2	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00			75-125			
Total Hydrocarbons	1000	10.0	"	1000		100	75-125			
Surrogate: 1-Chlorooctane	*55.7*		*mg/kg*	*50.0*		*111*	*70-130*			
Surrogate: 1-Chlorooctadecane	*51.1*		*"*	*50.0*		*102*	*70-130*			
Calibration Check (EE70105-CCV1)				Prepared: 05/01/07 Analyzed: 05/04/07						
Carbon Ranges C6-C12	213		mg/kg	250		85.2	80-120			
Carbon Ranges C12-C28	204		"	250		81.6	80-120			
Total Hydrocarbons	417		"	500		83.4	80-120			
Surrogate: 1-Chlorooctane	*55.9*		*"*	*50.0*		*112*	*70-130*			
Surrogate: 1-Chlorooctadecane	*57.2*		*"*	*50.0*		*114*	*70-130*			

Environmental Plus, Incorporated	Project: Chevron/Brunson Argo TB # 5	Fax: 505-394-2601
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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 EE70105 - Solvent Extraction (GC)										
Matrix Spike (EE70105-MS1)	**Source: 7D30017-05**			Prepared: 05/01/07 Analyzed: 05/07/07						
Carbon Ranges C6-C12	673	10.0	mg/kg dry	588	ND	114	75-125			
Carbon Ranges C12-C28	535	10.0	"	588	ND	91.0	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125			
Total Hydrocarbons	1210	10.0	"	1180	ND	103	75-125			
Surrogate: 1-Chlorooctane	*49.1*		*mg/kg*	*50.0*		*98.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.5*		*"*	*50.0*		*89.0*	*70-130*			
Matrix Spike Dup (EE70105-MSD1)	**Source: 7D30017-05**			Prepared: 05/01/07 Analyzed: 05/07/07						
Carbon Ranges C6-C12	700	10.0	mg/kg dry	588	ND	119	75-125	4.29	20	
Carbon Ranges C12-C28	561	10.0	"	588	ND	95.4	75-125	4.72	20	
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125		20	
Total Hydrocarbons	1260	10.0	"	1180	ND	107	75-125	3.81	20	
Surrogate: 1-Chlorooctane	*52.6*		*mg/kg*	*50.0*		*105*	*70-130*			
Surrogate: 1-Chlorooctadecane	*45.9*		*"*	*50.0*		*91.8*	*70-130*			
Batch EE70207 - EPA 5030C (GC)										
Blank (EE70207-BLK1)				Prepared & Analyzed: 05/02/07						
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	*48.9*		*ug/kg*	*50.0*		*97.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*75-125*			
LCS (EE70207-BS1)				Prepared & Analyzed: 05/02/07						
Benzene	0.0515	0.00100	mg/kg wet	0.0500		103	80-120			
Toluene	0.0524	0.00100	"	0.0500		105	80-120			
Ethylbenzene	0.0514	0.00100	"	0.0500		103	80-120			
Xylene (p/m)	0.0998	0.00100	"	0.100		99.8	80-120			
Xylene (o)	0.0544	0.00100	"	0.0500		109	80-120			
Surrogate: a,a,a-Trifluorotoluene	*47.9*		*ug/kg*	*50.0*		*95.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*52.0*		*"*	*50.0*		*104*	*75-125*			

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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 EE70207 - EPA 5030C (GC)										
Calibration Check (EE70207-CCV1)				Prepared: 05/02/07 Analyzed: 05/03/07						
Benzene	51.1		ug/kg	50.0		102	80-120			
Toluene	51.6		"	50.0		103	80-120			
Ethylbenzene	52.9		"	50.0		106	80-120			
Xylene (p/m)	96.2		"	100		96.2	80-120			
Xylene (o)	53.3		"	50.0		107	80-120			
Surrogate: a,a,a-Trifluorotoluene	*48.6*		*"*	*50.0*		*97.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*75-125*			
Matrix Spike (EE70207-MS1)		**Source: 7D30017-04**		Prepared: 05/02/07 Analyzed: 05/03/07						
Benzene	0.101	0.00200	mg/kg dry	0.110	ND	91.8	80-120			
Toluene	0.102	0.00200	"	0.110	ND	92.7	80-120			
Ethylbenzene	0.108	0.00200	"	0.110	ND	98.2	80-120			
Xylene (p/m)	0.196	0.00200	"	0.220	ND	89.1	80-120			
Xylene (o)	0.105	0.00200	"	0.110	ND	95.5	80-120			
Surrogate: a,a,a-Trifluorotoluene	*44.4*		*ug/kg*	*50.0*		*88.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*46.5*		*"*	*50.0*		*93.0*	*75-125*			
Matrix Spike Dup (EE70207-MSD1)		**Source: 7D30017-04**		Prepared: 05/02/07 Analyzed: 05/03/07						
Benzene	0.0980	0.00200	mg/kg dry	0.110	ND	89.1	80-120	2.99	20	
Toluene	0.0992	0.00200	"	0.110	ND	90.2	80-120	2.73	20	
Ethylbenzene	0.105	0.00200	"	0.110	ND	95.5	80-120	2.79	20	
Xylene (p/m)	0.191	0.00200	"	0.220	ND	86.8	80-120	2.62	20	
Xylene (o)	0.102	0.00200	"	0.110	ND	92.7	80-120	2.98	20	
Surrogate: a,a,a-Trifluorotoluene	*43.9*		*ug/kg*	*50.0*		*87.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*46.6*		*"*	*50.0*		*93.2*	*75-125*			
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*			

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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)										
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*			
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*			

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Environmental Plus, Incorporated	Project: Chevron/Brunson Argo TB # 5	Fax: 505-394-2601
P.O. Box 1558	Project Number: 200130	
Eunice NM, 88231	Project Manager: Iain Olness	

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 EE70208 - General Preparation (Prep)										
Blank (EE70208-BLK1)				Prepared & Analyzed: 05/01/07						
% Solids	99.8		%							
Duplicate (EE70208-DUP1)		**Source: 7D30006-01**		Prepared & Analyzed: 05/01/07						
% Solids	88.0		%		88.6			0.680	20	
Duplicate (EE70208-DUP2)		**Source: 7D30012-01**		Prepared & Analyzed: 05/01/07						
% Solids	88.5		%		87.4			1.25	20	
Duplicate (EE70208-DUP3)		**Source: 7D30017-11**		Prepared & Analyzed: 05/01/07						
% Solids	91.2		%		91.4			0.219	20	
Batch EE70708 - General Preparation (WetChem)										
Blank (EE70708-BLK1)				Prepared & Analyzed: 05/07/07						
Chloride	ND	0.500	mg/kg							
Sulfate	ND	0.500	"							
LCS (EE70708-BS1)				Prepared & Analyzed: 05/07/07						
Sulfate	10.1	0.500	mg/kg	10.0		101	80-120			
Chloride	10.1	0.500	"	10.0		101	80-120			
Calibration Check (EE70708-CCV1)				Prepared & Analyzed: 05/07/07						
Chloride	9.20		mg/kg	10.0		92.0	80-120			
Sulfate	11.0		"	10.0		110	80-120			
Duplicate (EE70708-DUP1)		**Source: 7D27002-21**		Prepared & Analyzed: 05/07/07						
Sulfate	864	10.0	mg/kg		879			1.72	20	
Chloride	13.6	10.0	"		12.7			6.84	20	

Environmental Plus, Incorporated	Project: Chevron/Brunson Argo TB # 5	Fax: 505-394-2601
P.O. Box 1558	Project Number: 200130	
Eunice NM, 88231	Project Manager: Iain Olness	

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 EE70708 - General Preparation (WetChem)										
Duplicate (EE70708-DUP2)		**Source: 7D30017-05**		Prepared & Analyzed: 05/07/07						
Sulfate	41.2	5.00	mg/kg		41.4			0.484	20	
Chloride	5.03	5.00	"		5.06			0.595	20	
Matrix Spike (EE70708-MS1)		**Source: 7D27002-21**		Prepared & Analyzed: 05/07/07						
Chloride	222	10.0	mg/kg	200	12.7	105	80-120			
Sulfate	1260	10.0	"	200	879	190	80-120			QM-10
Matrix Spike (EE70708-MS2)		**Source: 7D30017-05**		Prepared & Analyzed: 05/07/07						
Sulfate	138	5.00	mg/kg	100	41.4	96.6	80-120			
Chloride	101	5.00	"	100	5.06	95.9	80-120			
Batch EE70713 - General Preparation (WetChem)										
Blank (EE70713-BLK1)				Prepared: 05/07/07 Analyzed: 05/08/07						
Sulfate	ND	0.500	mg/kg							
Chloride	ND	0.500	"							
LCS (EE70713-BS1)				Prepared: 05/07/07 Analyzed: 05/08/07						
Sulfate	9.97	0.500	mg/kg	10.0		99.7	80-120			
Chloride	10.7	0.500	"	10.0		107	80-120			
Calibration Check (EE70713-CCV1)				Prepared: 05/07/07 Analyzed: 05/08/07						
Sulfate	11.3		mg/kg	10.0		113	80-120			
Chloride	8.86		"	10.0		88.6	80-120			
Duplicate (EE70713-DUP1)		**Source: 7E04014-01**		Prepared: 05/07/07 Analyzed: 05/08/07						
Sulfate	30.5	5.00	mg/kg		30.0			1.65	20	
Chloride	6.96	5.00	"		7.35			5.45	20	

Environmental Plus, Incorporated	Project: Chevron/Brunson Argo TB # 5	Fax: 505-394-2601
P.O. Box 1558	Project Number: 200130	
Eunice NM, 88231	Project Manager: Iain Olness	

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 EE70713 - General Preparation (WetChem)										
Duplicate (EE70713-DUP2)	**Source: 7D30017-14**			Prepared: 05/07/07 Analyzed: 05/08/07						
Sulfate	135	5.00	mg/kg		148			9.19	20	
Chloride	39.5	5.00	"		47.9			19.2	20	
Matrix Spike (EE70713-MS1)	**Source: 7E04014-01**			Prepared: 05/07/07 Analyzed: 05/08/07						
Chloride	102	5.00	mg/kg	100	7.35	94.6	80-120			
Sulfate	114	5.00	"	100	30.0	84.0	80-120			
Matrix Spike (EE70713-MS2)	**Source: 7D30017-14**			Prepared: 05/07/07 Analyzed: 05/08/07						
Chloride	161	5.00	mg/kg	100	47.9	113	80-120			
Sulfate	253	5.00	"	100	148	105	80-120			

Environmental Plus, Incorporated	Project: Chevron/Brunson Argo TB # 5	Fax: 505-394-2601
P.O. Box 1558	Project Number: 200130	
Eunice NM, 88231	Project Manager: Iain Olness	

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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.
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: 5/8/2007

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

Environmental Plus, Inc.

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

Chain of Custody Form

LAB: ELT

Company Name	Environmental Plus, Inc.
EPI Project Manager	Iain Olness
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 #5
Location	UL-D, Sec. 10, T 22 S, R 37 E
Project Reference	200130
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 ($SO_4^=$)	pH	TCLP	OTHER >>>	PAH			
	7D3000917																							
1	SB-1 (2')	X	1			X					X		26-Apr-07	12:35	X	X	X	X						
2	SB-1 (5')	X	1			X					X		26-Apr-07	12:41	X	X	X	X						
3	SB-1 (10')	X	1			X					X		26-Apr-07	13:01	X	X	X	X						
4	SB-1 (15')	X	1			X					X		26-Apr-07	14:15	X	X	X	X						
5	SB-1 (20')	X	1			X					X		26-Apr-07	15:44	X	X	X	X						
6	SB-2 (2')	X	1			X					X		26-Apr-07	15:50	X	X	X	X						
7	SB-2 (5')	X	1			X					X		26-Apr-07	16:00	X	X	X	X						
8	SB-2 (10')	X	1			X					X		26-Apr-07	16:15	X	X	X	X						
9	SB-2 (15')	X	1			X					X		26-Apr-07	17:05	X	X	X	X						
10	SB-2 (20')	X	1			X					X		26-Apr-07	17:15	X	X	X	X						

Sampler Relinquished: [signature] Date: 4/30/2007 Time: 11:25 Received By: [signature]

Relinquished by: [signature] Date: 4/30/07 Time: 3:42 Received By: (lab staff) [signature] 4-30-07 3:42

Delivered by:

Sample Cool & Intact: (Yes) No

Checked By:

E-mail results to: dduncan@envplus.net

REMARKS: 1.5°C
w/labels
4oz glass

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	Iain Olness
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 #5
Location	UL-D, Sec. 10, T 22 S, R 37 E
Project Reference	200130
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 ($SO_4^=$)	pH	TCLP	OTHER >>>	PAH			
1	SB-3 (2')	X	1			X					X		27-Apr-07	7:15	X	X	X	X							
2	SB-3 (5')	X	1			X					X		27-Apr-07	7:30	X	X	X	X							
3	SB-3 (10')	X	1			X					X		27-Apr-07	8:00	X	X	X	X							
4	SB-3 (15')	X	1			X					X		27-Apr-07	10:10	X	X	X	X							
5	SB-4 (2')	X	1			X					X		27-Apr-07	10:35	X	X	X	X							
6	SB-4 (5')	X	1			X					X		27-Apr-07	10:41	X	X	X	X							
7	SB-4 (10')	X	1			X					X		27-Apr-07	11:30	X	X	X	X							
8																									
9																									
10																									

Sampler Relinquished:	4/30/2007 Time 11:25	Received By:
Relinquished by:	Date 4/30/07 Time 3:42	Received By: (lab staff) 4-30-07 3:42
Delivered by:	Sample Cool & Intact (Yes) No	Checked By:

E-mail results to: dduncan@envplus.net
REMARKS: 1.5 °C
w/ labels
4 oz glass

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Environmental Plus

Date/ Time: 4-30-07 3:42

Lab ID # : 7D30017

Initials: AL

Sample Receipt Checklist

				Client Initials
#1 Temperature of container/ cooler?	(Yes)	No	1.5 °C	
#2 Shipping container in good condition?	(Yes)	No		
#3 Custody Seals intact on shipping container/ cooler?	Yes	No	(Not Present)	
#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

Analytical Report 297914

for

Environmental Plus, Incorporated

Project Manager: David P. Duncan

Chevron/ Brunson Argo TB #5

200130

26-FEB-08

12600 West I-20 East Odessa, Texas 79765

Texas certification numbers:
Houston, TX T104704215

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675
Norcross(Atlanta), GA E87429

South Carolina certification numbers:
Norcross(Atlanta), GA 98015

North Carolina certification numbers:
Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta

26-FEB-08

Project Manager: **David P. Duncan**
Environmental Plus, Incorporated
P.O. Box 1558
Eunice, NM 88231

Reference: XENCO Report No: **297914**
Chevron/ Brunson Argo TB #5
Project Address: UL-D, Sec. 10, T 22 S, R 37 E

David P. Duncan:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 297914. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 297914 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II
Odessa Laboratory Manager

Sample Cross Reference 297914

Environmental Plus, Incorporated, Eunice, NM

Chevron/ Brunson Argo TB #5

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
WSW-1 3'	S	Feb-18-08 13:41		297914-001
BH-2 12'	S	Feb-18-08 13:31		297914-002
BH-3 16'	S	Feb-18-08 13:32		297914-003
BH-4 10'	S	Feb-18-08 13:33		297914-004
BH-5 17'	S	Feb-18-08 13:34		297914-005
BH-6 10'	S	Feb-18-08 13:35		297914-006
ESW-2 4'	S	Feb-18-08 13:37		297914-007
ESW-3 9'	S	Feb-18-08 13:38		297914-008
ESW-4 8'	S	Feb-18-08 13:39		297914-009
WSW-2 8'	S	Feb-18-08 13:42		297914-010
WSW-3 2'	S	Feb-18-08 13:43		297914-011
WSW-4 3'	S	Feb-18-08 13:44		297914-012

Certificate of Analysis Summary 297914

Environmental Plus, Incorporated, Eunice, NM

Project Name: Chevron/ Brunson Argo TB #5

Project Id: 200130
Contact: David P. Duncan
Project Location: UL-D, Sec. 10, T 22 S, R 37 E

Date Received in Lab: Tue Feb-19-08 10:00 am
Report Date: 26-FEB-08
Project Manager: Brent Barron, II

Analysis Requested													
	Lab Id:	297914-001		297914-002		297914-003		297914-004		297914-005		297914-006	
	Field Id:	WSW-1 3'		BH-2 12'		BH-3 16'		BH-4 10'		BH-5 17'		BH-6 10'	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Feb-18-08 13:41		Feb-18-08 13:31		Feb-18-08 13:32		Feb-18-08 13:33		Feb-18-08 13:34		Feb-18-08 13:35	
Determination of Inorganic Anions per Ion Chromatography by	***Extracted:***												
	Analyzed:			Feb-19-08 11:06		Feb-19-08 11:06				Feb-19-08 11:06		Feb-19-08 11:06	
	Units/RL:			mg/kg	RL	mg/kg	RL			mg/kg	RL	mg/kg	RL
Chloride				ND	5.00	ND	5.00			ND	5.00	ND	5.00
Percent Moisture	***Extracted:***												
	Analyzed:	Feb-19-08 10:10		Feb-19-08 10:10		Feb-19-08 10:10		Feb-19-08 10:10		Feb-19-08 10:10		Feb-19-08 10:10	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		2.28	1.00	8.04	1.00	18.1	1.00	12.8	1.00	9.43	1.00	19.1	1.00
TPH by SW8015 Mod	***Extracted:***	Feb-19-08 15:47		Feb-19-08 15:47		Feb-19-08 15:47		Feb-19-08 15:47		Feb-19-08 15:47		Feb-19-08 15:47	
	Analyzed:	Feb-19-08 16:44		Feb-19-08 17:34		Feb-19-08 17:58		Feb-19-08 18:25		Feb-19-08 18:51		Feb-19-08 19:18	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
C6-C12 Gasoline Range Hydrocarbons		ND	15.3	ND	16.3	85.1	18.3	ND	17.2	138	16.6	ND	18.6
C12-C28 Diesel Range Hydrocarbons		96.9	15.3	35.8	16.3	652	18.3	ND	17.2	537	16.6	ND	18.6
C28-C35 Oil Range Hydrocarbons		160	15.3	24.4	16.3	78.7	18.3	ND	17.2	72.4	16.6	ND	18.6
Total TPH		256.9		60.2		815.8		ND		747.4		ND	

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi

Brent Barron
Odessa Laboratory Director

Certificate of Analysis Summary 297914

Environmental Plus, Incorporated, Eunice, NM

Project Name: Chevron/ Brunson Argo TB #5

Project Id: 200130
Contact: David P. Duncan
Project Location: UL-D, Sec. 10, T 22 S, R 37 E

Date Received in Lab: Tue Feb-19-08 10:00 am
Report Date: 26-FEB-08
Project Manager: Brent Barron, II

Analysis Requested													
	Lab Id:	297914-007		297914-008		297914-009		297914-010		297914-011		297914-012	
	Field Id:	ESW-2 4'		ESW-3 9'		ESW-4 8'		WSW-2 8'		WSW-3 2'		WSW-4 3'	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Feb-18-08 13:37		Feb-18-08 13:38		Feb-18-08 13:39		Feb-18-08 13:42		Feb-18-08 13:43		Feb-18-08 13:44	
Determination of Inorganic Anions per Ion Chromatography by	***Extracted:***												
	Analyzed:			Feb-19-08 11:06		Feb-19-08 11:06		Feb-19-08 11:06		Feb-19-08 11:06		Feb-19-08 11:06	
	Units/RL:			mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride				20.0	5.00	ND	5.00	ND	5.00	ND	5.00	ND	5.45
Percent Moisture	***Extracted:***												
	Analyzed:	Feb-19-08 10:10		Feb-19-08 10:10		Feb-19-08 10:10		Feb-19-08 10:10		Feb-19-08 10:10		Feb-19-08 10:10	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		7.63	1.00	10.6	1.00	8.56	1.00	5.34	1.00	3.83	1.00	8.32	1.00
TPH by SW8015 Mod	***Extracted:***	Feb-19-08 15:47		Feb-19-08 15:47		Feb-19-08 15:47		Feb-19-08 15:47		Feb-19-08 15:47		Feb-19-08 15:47	
	Analyzed:	Feb-19-08 19:45		Feb-19-08 20:12		Feb-19-08 20:39		Feb-19-08 21:34		Feb-19-08 22:28		Feb-19-08 22:55	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
C6-C12 Gasoline Range Hydrocarbons		ND	16.2	ND	16.8	ND	16.4	ND	15.8	ND	15.6	ND	16.4
C12-C28 Diesel Range Hydrocarbons		26.4	16.2	ND	16.8	ND	16.4	142	15.8	177	15.6	45.4	16.4
C28-C35 Oil Range Hydrocarbons		19.9	16.2	ND	16.8	ND	16.4	44.7	15.8	130	15.6	61.0	16.4
Total TPH		46.3		ND		ND		186.7		307		106.4	

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi

Brent Barron
Odessa Laboratory Director

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the MQL(PQL) and above the SQL(MDL).

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

* Outside XENCO'S scope of NELAC Accreditation

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America

	Phone	Fax
11381 Meadowglen Lane Suite L Houston, Tx 77082-2647	(281) 589-0692	(281) 589-0695
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238	(210) 509-3334	(210) 509-3335
2505 N. Falkenburg Rd., Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
6017 Financial Dr., Norcross, GA 30071	(770) 449-8800	(770) 449-5477

Form 2 - Surrogate Recoveries

Project Name: Chevron/ Brunson Argo TB #5

Work Order #: 297914 **Project ID:** 200130

Lab Batch #: 715128 **Sample:** 297914-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	95.2	100	95	70-135	
o-Terphenyl	48.6	50.0	97	70-135	

Lab Batch #: 715128 **Sample:** 297914-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	89.6	100	90	70-135	
o-Terphenyl	48.8	50.0	98	70-135	

Lab Batch #: 715128 **Sample:** 297914-002 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	100	106	70-135	
o-Terphenyl	58.2	50.0	116	70-135	

Lab Batch #: 715128 **Sample:** 297914-002 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	101	100	101	70-135	
o-Terphenyl	56.2	50.0	112	70-135	

Lab Batch #: 715128 **Sample:** 297914-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.0	100	93	70-135	
o-Terphenyl	50.3	50.0	101	70-135	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Chevron/ Brunson Argo TB #5

Work Order #: 297914 **Project ID:** 200130

Lab Batch #: 715128 **Sample:** 297914-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	92.3	100	92	70-135	
o-Terphenyl	49.3	50.0	99	70-135	

Lab Batch #: 715128 **Sample:** 297914-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	101	100	101	70-135	
o-Terphenyl	53.7	50.0	107	70-135	

Lab Batch #: 715128 **Sample:** 297914-006 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.3	100	97	70-135	
o-Terphenyl	51.8	50.0	104	70-135	

Lab Batch #: 715128 **Sample:** 297914-007 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	91.8	100	92	70-135	
o-Terphenyl	49.2	50.0	98	70-135	

Lab Batch #: 715128 **Sample:** 297914-008 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	92.0	100	92	70-135	
o-Terphenyl	49.5	50.0	99	70-135	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Chevron/ Brunson Argo TB #5

Work Order #: 297914 **Project ID:** 200130

Lab Batch #: 715128 **Sample:** 297914-009 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.9	100	95	70-135	
o-Terphenyl	50.3	50.0	101	70-135	

Lab Batch #: 715128 **Sample:** 297914-010 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	86.0	100	86	70-135	
o-Terphenyl	46.5	50.0	93	70-135	

Lab Batch #: 715128 **Sample:** 297914-011 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	92.2	100	92	70-135	
o-Terphenyl	48.6	50.0	97	70-135	

Lab Batch #: 715128 **Sample:** 297914-012 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.2	100	93	70-135	
o-Terphenyl	49.4	50.0	99	70-135	

Lab Batch #: 715128 **Sample:** 504880-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.3	100	97	70-135	
o-Terphenyl	51.5	50.0	103	70-135	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Chevron/ Brunson Argo TB #5

Work Order #: 297914 **Project ID:** 200130

Lab Batch #: 715128 **Sample:** 504880-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	89.1	100	89	70-135	
o-Terphenyl	47.6	50.0	95	70-135	

Lab Batch #: 715128 **Sample:** 504880-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.0	100	99	70-135	
o-Terphenyl	51.6	50.0	103	70-135	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Chevron/ Brunson Argo TB #5

Work Order #: 297914 **Project ID:** 200130

Lab Batch #: 715095 **Sample:** 715095-1-BKS **Matrix:** Solid

Date Analyzed: 02/19/2008 **Date Prepared:** 02/19/2008 **Analyst:** LATCOR

Reporting Units: mg/kg **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

Determination of Inorganic Anions per Ion Chro Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	ND	10.0	8.88	89	75-125	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Chevron/ Brunson Argo TB #5

Work Order #: 297914 **Project ID:** 200130

Analyst: BRB **Date Prepared:** 02/19/2008 **Date Analyzed:** 02/19/2008

Lab Batch ID: 715128 **Sample:** 504880-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1000	863	86	1000	869	87	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1000	893	89	1000	906	91	1	70-135	35	

Relative Percent Difference RPD = 200*|(D-F)/(D+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS Recoveries

Project Name: Chevron/ Brunson Argo TB #5

Work Order #: 297914
Lab Batch #: 715095
Project ID: 200130
Date Analyzed: 02/19/2008
Date Prepared: 02/19/2008
Analyst: LATCOR
QC- Sample ID: 297897-001 S
Batch #: 1
Matrix: Soil
Reporting Units: mg/kg

MATRIX / MATRIX SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	207	200	440	117	75-125	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference [E] = 200*(C-A)/(C+B)
All Results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Chevron/ Brunson Argo TB #5

Work Order # : 297914 **Project ID:** 200130

Lab Batch ID: 715128 **QC- Sample ID:** 297914-002 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 02/19/2008 **Date Prepared:** 02/19/2008 **Analyst:** BRB

Reporting Units: mg/kg

TPH by SW8015 Mod Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1090	1050	96	1090	1000	92	4	70-135	35	
C12-C28 Diesel Range Hydrocarbons	35.8	1090	1070	95	1090	1070	95	0	70-135	35	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*(D-G)/(D+G)

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Sample Duplicate Recovery

Project Name: Chevron/ Brunson Argo TB #5

Work Order #: 297914

Lab Batch #: 715095 **Project ID:** 200130

Date Analyzed: 02/19/2008 **Date Prepared:** 02/19/2008 **Analyst:** LATCOR

QC- Sample ID: 297897-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

Determination of Inorganic Anions per Ion Chromatography by Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloride	207	217	5	20	

Lab Batch #: 715129

Date Analyzed: 02/19/2008 **Date Prepared:** 02/19/2008 **Analyst:** RBA

QC- Sample ID: 297897-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

Percent Moisture Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	2.45	2.60	6	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(575) 394-3481 FAX: (575) 394-2601

Chain of Custody Form

LAB: XENCO (ELT)

Company Name	Environmental Plus, Inc.
EPI Project Manager	Iain Olness
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	575-394-3481 / 575-394-2601
Client Company	Chevron USA
Facility Name	Brunson Argo TB #5
Location	UL-D, Sec. 10, T 22 S, R 37 E
Project Reference	200130
EPI Sampler Name	David Robinson

Bill To

Chevron

ATTN: Bill Anderson
P.O. Box 1949
Eunice, NM 88231-1949

LAB I.D. 29N914	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	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH
1	WSW-1 (3')	X	1			X					X		18-Feb-08	13:41		X						
2	BH-2 (12')	X	1			X					X		18-Feb-08	13:31		X	X					
3	BH-3 (16')	X	1			X					X		18-Feb-08	13:32		X	X					
4	BH-4 (10')	X	1			X					X		18-Feb-08	13:33		X						
5	BH-5 (17')	X	1			X					X		18-Feb-08	13:34		X	X					
6	BH-6 (10')	X	1			X					X		18-Feb-08	13:35		X	X					
7	ESW-2 (4')	X	1			X					X		18-Feb-08	13:37		X						
8	ESW-3 (9')	X	1			X					X		18-Feb-08	13:38		X	X					
9	ESW-4 (8')	X	1			X					X		18-Feb-08	13:39		X	X					
10	WSW-2 (8')	X	1			X					X		18-Feb-08	13:42		X	X					

Sampler Relinquished:	2/19/2008 Time 7:00	Received By:	E-mail results to: dduncan@envplus.net
Relinquished by: Jaren Boone	2/19/2008 Time 10:00	Received By: (lab staff)	REMARKS: w/ labels 1.5
Delivered by:	Sample Cool & Intact Yes (Yes) No	Checked By:	

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(575) 394-3481 FAX: (575) 394-2601

Chain of Custody Form

LAB: XENCO (ELT)

Company Name	Environmental Plus, Inc.
EPI Project Manager	Iain Olness
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	575-394-3481 / 575-394-2601
Client Company	Chevron USA
Facility Name	Brunson Argo TB #5
Location	UL-D, Sec. 10, T 22 S, R 37 E
Project Reference	200130
EPI Sampler Name	David Robinson

Bill To

Chevron

ATTN: Bill Anderson
P.O. Box 1949
Eunice, NM 88231-1949

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	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH
1	WSW-3 (2')	X	1			X					X		18-Feb-08	13:43		X	X					
2	WSW-4 (3')	X	1			X					X		18-Feb-08	13:44		X	X					
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

Sampler Relinquished:	2/19/2008 Time 7:00	Received By:	E-mail results to: dduncan@envplus.net
Relinquished by:	2/19/2008 Time 10:00	Received By: (lab staff)	REMARKS: w/ labels
Delivered by:	Sample Cool & Intact Yes No	Checked By:	

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Chevron / ETI

Date/ Time: 2/19/18

Lab ID # : 293414

Initials: CK

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	Yes	No	1.5 °C	
#2	Shipping container in good condition?	~~Yes~~	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	
#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

Analytical Report 298159

for

Environmental Plus, Incorporated

Project Manager: David P. Duncan

Brunson Argo TB # 5

200130

27-FEB-08

12600 West I-20 East Odessa, Texas 79765

Texas certification numbers:
Houston, TX T104704215

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675
Norcross(Atlanta), GA E87429

South Carolina certification numbers:
Norcross(Atlanta), GA 98015

North Carolina certification numbers:
Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta

27-FEB-08

Project Manager: **David P. Duncan**
Environmental Plus, Incorporated
P.O. Box 1558
Eunice, NM 88231

Reference: XENCO Report No: **298159**
Brunson Argo TB # 5
Project Address: UL-D, Sec. 10, T 22 S, R 37 E

David P. Duncan:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 298159. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 298159 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II
Odessa Laboratory Manager

Sample Cross Reference 298159

Environmental Plus, Incorporated, Eunice, NM

Brunson Argo TB # 5

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
BH-7 (5')	S	Feb-21-08 08:01		298159-001
BH-8 (5')	S	Feb-21-08 08:02		298159-002
BH-9 (5')	S	Feb-21-08 08:03		298159-003
BH-10 (5')	S	Feb-21-08 08:04		298159-004
BH-12 (5')	S	Feb-21-08 08:06		298159-005
BH-16 (5')	S	Feb-21-08 09:31		298159-006
NSW-1 (8')	S	Feb-21-08 14:10		298159-007
NSW-2 (6')	S	Feb-21-08 14:11		298159-008
NSW-3 (2')	S	Feb-21-08 14:12		298159-009
NSW-4 (4')	S	Feb-21-08 14:13		298159-010

Certificate of Analysis Summary 298159

Environmental Plus, Incorporated, Eunice, NM

Project Name: Brunson Argo TB # 5

Project Id: 200130
Contact: David P. Duncan
Project Location: UL-D, Sec. 10, T 22 S, R 37 E

Date Received in Lab: Fri Feb-22-08 11:06 am
Report Date: 27-FEB-08
Project Manager: Brent Barron, II

Analysis Requested		298159-001		298159-002		298159-003		298159-004		298159-005		298159-006	
	Field Id:	BH-7 (5')		BH-8 (5')		BH-9 (5')		BH-10 (5')		BH-12 (5')		BH-16 (5')	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Feb-21-08 08:01		Feb-21-08 08:02		Feb-21-08 08:03		Feb-21-08 08:04		Feb-21-08 08:06		Feb-21-08 09:31	
Determination of Inorganic Anions per Ion Chromatography by	Extracted:												
	Analyzed:	Feb-26-08 08:28		Feb-26-08 08:28		Feb-26-08 08:28		Feb-26-08 08:28		Feb-26-08 08:28		Feb-26-08 08:28	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		ND	5.72	ND	5.64	ND	5.59	50.2	11.5	ND	5.63	522	10.8
Percent Moisture	Extracted:												
	Analyzed:	Feb-22-08 17:00		Feb-22-08 17:00		Feb-22-08 17:00		Feb-22-08 17:00		Feb-22-08 17:00		Feb-22-08 17:00	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		12.6		11.3		10.5		13		11.2		7.21	
TPH by SW8015 Mod	Extracted:	Feb-22-08 15:41		Feb-22-08 15:41		Feb-22-08 15:41		Feb-22-08 15:41		Feb-22-08 15:41		Feb-22-08 15:41	
	Analyzed:	Feb-22-08 20:15		Feb-22-08 20:41		Feb-22-08 21:08		Feb-22-08 22:00		Feb-22-08 22:27		Feb-22-08 22:53	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
C6-C12 Gasoline Range Hydrocarbons		ND	17.2	ND	16.9	ND	16.8	ND	17.2	ND	16.9	ND	16.2
C12-C28 Diesel Range Hydrocarbons		110	17.2	22.5	16.9	ND	16.8	ND	17.2	ND	16.9	38.2	16.2
C28-C35 Oil Range Hydrocarbons		ND	17.2	ND	16.9	ND	16.8	ND	17.2	ND	16.9	ND	16.2
Total TPH		110		22.5		ND		ND		ND		38.2	

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Brent Barron
Odessa Laboratory Director

Certificate of Analysis Summary 298159

Environmental Plus, Incorporated, Eunice, NM

Project Name: Brunson Argo TB # 5

Project Id: 200130
Contact: David P. Duncan
Project Location: UL-D, Sec. 10, T 22 S, R 37 E

Date Received in Lab: Fri Feb-22-08 11:06 am
Report Date: 27-FEB-08
Project Manager: Brent Barron, II

Analysis Requested													
	Lab Id:	298159-007		298159-008		298159-009		298159-010					
	Field Id:	NSW-1 (8')		NSW-2 (6')		NSW-3 (2')		NSW-4 (4')					
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL					
	Sampled:	Feb-21-08 14:10		Feb-21-08 14:11		Feb-21-08 14:12		Feb-21-08 14:13					
Determination of Inorganic Anions per Ion Chromatography by	***Extracted:***												
	Analyzed:	Feb-26-08 08:28		Feb-26-08 08:28		Feb-26-08 08:28		Feb-26-08 08:28					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Chloride		611	11.0	130	11.2	163	11.3	16.2	5.15				
Percent Moisture	***Extracted:***												
	Analyzed:	Feb-22-08 17:00		Feb-22-08 17:00		Feb-22-08 17:00		Feb-22-08 17:00					
	Units/RL:	%	RL	%	RL	%	RL	%	RL				
Percent Moisture		8.95		11.1		11.7		2.96					
TPH by SW8015 Mod	***Extracted:***	Feb-22-08 15:41		Feb-22-08 15:41		Feb-22-08 15:41		Feb-22-08 15:41					
	Analyzed:	Feb-22-08 23:19		Feb-22-08 23:45		Feb-23-08 00:12		Feb-23-08 00:38					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
C6-C12 Gasoline Range Hydrocarbons		ND	16.5	ND	16.9	1430	84.9	ND	15.5				
C12-C28 Diesel Range Hydrocarbons		31.9	16.5	ND	16.9	12000	84.9	51.4	15.5				
C28-C35 Oil Range Hydrocarbons		ND	16.5	ND	16.9	1490	84.9	ND	15.5				
Total TPH		31.9		ND		14920		51.4					

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Brent Barron
Odessa Laboratory Director

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the MQL(PQL) and above the SQL(MDL).

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

* Outside XENCO'S scope of NELAC Accreditation

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America

	Phone	Fax
11381 Meadowglen Lane Suite L Houston, Tx 77082-2647	(281) 589-0692	(281) 589-0695
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238	(210) 509-3334	(210) 509-3335
2505 N. Falkenburg Rd., Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
6017 Financial Dr., Norcross, GA 30071	(770) 449-8800	(770) 449-5477

Form 2 - Surrogate Recoveries

Project Name: Brunson Argo TB # 5

Work Order #: 298159 **Project ID:** 200130

Lab Batch #: 715557 **Sample:** 298159-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	95.6	100	96	70-135	
o-Terphenyl	52.3	50.0	105	70-135	

Lab Batch #: 715557 **Sample:** 298159-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	107	100	107	70-135	
o-Terphenyl	49.3	50.0	99	70-135	

Lab Batch #: 715557 **Sample:** 298159-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	112	100	112	70-135	
o-Terphenyl	51.0	50.0	102	70-135	

Lab Batch #: 715557 **Sample:** 298159-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	91.0	100	91	70-135	
o-Terphenyl	49.1	50.0	98	70-135	

Lab Batch #: 715557 **Sample:** 298159-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	92.4	100	92	70-135	
o-Terphenyl	49.2	50.0	98	70-135	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Brunson Argo TB # 5

Work Order #: 298159 **Project ID:** 200130

Lab Batch #: 715557 **Sample:** 298159-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.7	100	94	70-135	
o-Terphenyl	50.5	50.0	101	70-135	

Lab Batch #: 715557 **Sample:** 298159-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.4	100	98	70-135	
o-Terphenyl	53.1	50.0	106	70-135	

Lab Batch #: 715557 **Sample:** 298159-006 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	92.5	100	93	70-135	
o-Terphenyl	49.9	50.0	100	70-135	

Lab Batch #: 715557 **Sample:** 298159-007 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	96.3	100	96	70-135	
o-Terphenyl	51.7	50.0	103	70-135	

Lab Batch #: 715557 **Sample:** 298159-008 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	96.4	100	96	70-135	
o-Terphenyl	52.1	50.0	104	70-135	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Brunson Argo TB # 5

Work Order #: 298159 **Project ID:** 200130

Lab Batch #: 715557 **Sample:** 298159-009 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.9	100	99	70-135	
o-Terphenyl	58.6	50.0	117	70-135	

Lab Batch #: 715557 **Sample:** 298159-010 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	90.9	100	91	70-135	
o-Terphenyl	47.8	50.0	96	70-135	

Lab Batch #: 715557 **Sample:** 505061-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	107	100	107	70-135	
o-Terphenyl	49.3	50.0	99	70-135	

Lab Batch #: 715557 **Sample:** 505061-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	96.1	100	96	70-135	
o-Terphenyl	52.0	50.0	104	70-135	

Lab Batch #: 715557 **Sample:** 505061-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	107	100	107	70-135	
o-Terphenyl	48.5	50.0	97	70-135	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Brunson Argo TB # 5

Work Order #: 298159 **Project ID:** 200130

Lab Batch #: 715635 **Sample:** 715635-1-BKS **Matrix:** Solid

Date Analyzed: 02/26/2008 **Date Prepared:** 02/26/2008 **Analyst:** IRO

Reporting Units: mg/kg **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

Determination of Inorganic Anions per Ion Chro Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	ND	10.0	9.64	96	75-125	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Brunson Argo TB # 5

Work Order #: 298159 **Project ID:** 200130

Analyst: SHE **Date Prepared:** 02/22/2008 **Date Analyzed:** 02/22/2008

Lab Batch ID: 715557 **Sample:** 505061-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1000	887	89	1000	892	89	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1000	824	82	1000	829	83	1	70-135	35	

Relative Percent Difference RPD = 200*|(D-F)/(D+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS Recoveries

Project Name: Brunson Argo TB # 5

Work Order #: 298159
Lab Batch #: 715635
Project ID: 200130
Date Analyzed: 02/26/2008
Date Prepared: 02/26/2008
Analyst: IRO
QC- Sample ID: 298154-009 S
Batch #: 1
Matrix: Soil
Reporting Units: mg/kg

MATRIX / MATRIX SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	5330	2000	7690	118	75-125	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference [E] = 200*(C-A)/(C+B)
All Results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Brunson Argo TB # 5

Work Order # : 298159 **Project ID:** 200130

Lab Batch ID: 715557 **QC- Sample ID:** 298159-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 02/23/2008 **Date Prepared:** 02/22/2008 **Analyst:** SHE

Reporting Units: mg/kg

TPH by SW8015 Mod Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1140	1020	89	1140	1040	91	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	110	1140	983	77	1140	1000	78	1	70-135	35	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*(D-G)/(D+G)

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Sample Duplicate Recovery

Project Name: Brunson Argo TB # 5

Work Order #: 298159

Lab Batch #: 715635 **Project ID:** 200130

Date Analyzed: 02/26/2008 **Date Prepared:** 02/26/2008 **Analyst:** IRO

QC- Sample ID: 298154-009 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

Determination of Inorganic Anions per Ion Chromatography by	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloride	5330	5060	5	20	

Lab Batch #: 715413

Date Analyzed: 02/22/2008 **Date Prepared:** 02/22/2008 **Analyst:** WRU

QC- Sample ID: 298159-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

Percent Moisture	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	12.6	12.8	2	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 *P.O. Box 1558, Eunice, NM 88231*
(575) 394-3481 FAX: (575) 394-2601

Chain of Custody Form

LAB: XENCO (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#	575-394-3481 / 575-394-2601
Client Company	Chevron USA
Facility Name	Brunson Argo TB #5
Location	UL-D, Sec. 10, T 22 S, R 37 E
Project Reference	200130
EPI Sampler Name	David Robinson

Remit Invoice To:

Chevron

ATTN: Bill Anderson
P.O. Box 1949
Eunice, NM 88231-1949

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 ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH			
298151																									
1	BH-7 (5')	X	1			X					X		21-Feb-08	8:01		X	X								
2	BH-8 (5')	X	1			X					X		21-Feb-08	8:02		X	X								
3	BH-9 (5')	X	1			X					X		21-Feb-08	8:03		X	X								
4	BH-10 (5')	X	1			X					X		21-Feb-08	8:04		X	X								
5	BH-12 (5')	X	1			X					X		21-Feb-08	8:06		X	X								
6	BH-16 (5')	X	1			X					X		21-Feb-08	9:31		X	X								
7	NSW-1 (8')	X	1			X					X		21-Feb-08	14:10		X	X								
8	NSW-2 (6')	X	1			X					X		21-Feb-08	14:11		X	X								
9	NSW-3 (2')	X	1			X					X		21-Feb-08	14:12		X	X								
10	NSW-4 (4')	X	1			X					X		21-Feb-08	14:13		X	X								

Sampler Relinquished: David Robinson	02/22/08 Time 0700	Received By: Roger Beasley	E-mail results to: dduncan@envplus.net
Relinquished by: Roger Beasley	02/22/08 Time 11:06	Received By: (lab staff) Andrea Sanchez	REMARKS:
Delivered by:	Sample Cool & Intact Yes No	Checked By:	4 oz glass 1.5°C w/labels

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Env. Plus.

Date/ Time: 2-22-08 11:06

Lab ID # : 298159

Initials: AL

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	Yes	No	1.5 °C	
#2	Shipping container in good condition?	Yes	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	~~Not Present~~	
#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

CARDINAL LABORATORIES

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

ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: DAVID P. DUNCAN
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (575) 394-2601

Receiving Date: 02/22/08
Reporting Date: 02/26/08
Project Owner:CHEVRON USA (#200130)
Project Name: BRUNSON ARGO TB #5
Project Location: UL-D, SEC. 10, T 22 S, R 37 E

Sampling Date: 02/22/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: CK/HM

LAB NUMBER	SAMPLE ID	GRO (C_6-C_{12}) (mg/kg)	DRO (>C_{12}-C_{28}) (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE		02/25/08	02/25/08	02/25/08
H14312-1	BH-13A (10')	<10.0	<10.0	48
H14312-2	BH-14A (11')	<10.0	<10.0	352
H14312-3	BSW-1 (7')	<10.0	<10.0	208
H14312-4	BSW-2 (8')	<10.0	<10.0	32
H14312-5	BSW-3 (6')	<10.0	<10.0	32
H14312-6	BSW-4 (7')	<10.0	<10.0	64
H14312-7	WSW-5 (8')	<10.0	<10.0	80
H14312-8	WSW-6 (7')	<10.0	<10.0	752
H14312-9	WSW-7 (3')	<10.0	31.6	96
H14312-10	WSW-8 (2')	<10.0	<10.0	224
Quality Control		541	520	500
True Value QC		500	500	500
% Recovery		108	104	100
Relative Percent Difference		7.9	5.2	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Std. Methods 4500-Cl⁻B
*Analyses performed on 1:4 w:v aqueous extracts.

Chemist

02/27/08
Date

H14312TCL EPI

Environmental Plus, Inc.

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(575) 394-3481 FAX: (575) 394-2601

LAB: Cardinal

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#	575-394-3481 / 575-394-2601
Client Company	Chevron USA
Facility Name	Brunson Argo TB #5
Location	UL-D, Sec. 10, T 22 S, R 37 E
Project Reference	200130
EPI Sampler Name	David Robinson

Remit Invoice To:

Chevron

ATTN: Bill Anderson
P.O. Box 1949
Eunice, NM 88231-1949

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	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH			
H14312 – 1	BH-13A (10')	X	1			X					X		22-Feb-08	13:15		X	X								
– 2	BH-14A (11')	X	1			X					X		22-Feb-08	13:16		X	X								
– 3	BSW-1 (7')	X	1			X					X		22-Feb-08	13:17		X	X								
– 4	BSW-2 (8')	X	1			X					X		22-Feb-08	13:18		X	X								
– 5	BSW-3 (6')	X	1			X					X		22-Feb-08	13:19		X	X								
– 6	BSW-4 (7')	X	1			X					X		22-Feb-08	13:20		X	X								
– 7	WSW-5 (8')	X	1			X					X		22-Feb-08	13:45		X	X								
– 8	WSW-6 (7')	X	1			X					X		22-Feb-08	13:46		X	X								
– 9	WSW-7 (3')	X	1			X					X		22-Feb-08	13:47		X	X								
– 10	WSW-8 (2')	X	1			X					X		22-Feb-08	13:48		X	X								

Sampler Relinquished: Aaron Kluegerude for David Robinson	02/22/08 Time 15:08	Received By: Aaron Kluegerude
Relinquished by: Aaron Kluegerude	02/22/08 Time 15:08	Received By: (lab staff) Hope S. Muno 3
Delivered by:	Sample Cool & Intact Yes No	Checked By:

E-mail results to: dduncan@envplus.net

REMARKS:

CARDINAL LABORATORIES

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

ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: DAVID P. DUNCAN
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (575) 394-2601

Receiving Date: 03/03/08
Reporting Date: 03/04/08
Project Owner: CHEVRON USA (200130)
Project Name: BRUNSON ARGO TB #5
Project Location: UL-D, SEC. 10, T 22 S, R 37 E

Sampling Date: 03/03/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: CK/KS

LAB NUMBER	SAMPLE ID	GRO (C_6-C_{10}) (mg/kg)	DRO (>C_{10}-C_{28}) (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE		03/04/08	03/04/08	03/04/08
H14363-1	EP-1 (3')	<10.0	<10.0	256
H14363-2	NSW-3B (3')	<10.0	<10.0	224
H14363-3	WP-1 (3')	<10.0	<10.0	256
H14363-4	BP-1 (5')	<10.0	<10.0	912
Quality Control		615	537	490
True Value QC		500	500	500
% Recovery		123	107	98.0
Relative Percent Difference		7.6	14.0	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Std. Methods 4500-Cl⁻B
*Analyses performed on 1:4 w:v aqueous extracts.

Chemist

03/05/08
Date

H14363TCL EPI

Environmental Plus, Inc.

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(575) 394-3481 FAX: (575) 394-2601

LAB: Cardinal

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#	575-394-3481 / 575-394-2601
Client Company	Chevron USA
Facility Name	Brunson Argo TB #5
Location	UL-D, Sec. 10, T 22 S, R 37 E
Project Reference	200130
EPI Sampler Name	David Robinson

Remit Invoice To:

Chevron

ATTN: Bill Anderson
P.O. Box 1949
Eunice, NM 88231-1949

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	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^=$)	pH	TCLP	OTHER >>>	PAH
H143163-1	1	EP-1 (3')	X	1			X					X		03-Mar-08	9:18		X	X					
-2	2	NSW-3B (3')	X	1			X					X		03-Mar-08	9:19		X	X					
-3	3	WP-1 (3')	X	1			X					X		03-Mar-08	9:19		X	X					
-4	4	BP-1 (5')	X	1			X					X		03-Mar-08	9:20		X	X					
	5																						
	6																						
	7																						
	8																						
	9																						
	10																						

Sampler Relinquished: David Robinson	03/03/08 Time 10:00	Received By: Wake Mackenzie	E-mail results to: dduncan@envplus.net
Relinquished by: Wake Mackenzie	03/03/08 Time 2:55	Received By: (lab staff) Misty LeBert	REMARKS:
Delivered by:	Sample Cool & Intact Yes / No	Checked By: MCKB	

CARDINAL LABORATORIES

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

ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: DAVID P. DUNCAN
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (575) 394-2601

Receiving Date: 03/05/08
Reporting Date: 03/05/08
Project Owner: CHEVRON USA (200130)
Project Name: BRUNSON ARGO TB #5
Project Location: UL-D, SEC. 10, T 22 S, R 37 E

Analysis Date: 03/05/08
Sampling Date: 03/05/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AB
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl^- (mg/kg)
H14379-1	BP-1C (12')	736
Quality Control		490
True Value QC		500
% Recovery		98.0
Relative Percent Difference		< 0.1

METHOD: Standard Methods	4500-ClˉB

Note: Analysis performed on a 1:4 w:v aqueous extract.

Kristen Dupriest
Chemist

03/05/08
Date

H14379 EPI

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(575) 394-3481 FAX: (575) 394-2601

Chain of Custody Form

LAB: Cardinal

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#	575-394-3481 / 575-394-2601
Client Company	Chevron USA
Facility Name	Brunson Argo TB #5
Location	UL-D, Sec. 10, T 22 S, R 37 E
Project Reference	200130
EPI Sampler Name	David Robinson

Remit Invoice To:

Chevron

ATTN: Bill Anderson
P.O. Box 1949
Eunice, NM 88231-1949

ANALYSIS REQUEST

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~~ Cl 3/5/08	CHLORIDES (Cl^-)	SULFATES ($SO_4^=$)	pH	TCLP	OTHER >>>	PAH
#14379 — 1	BP-1C (12')	X	1			X					X		05-Mar-08	8:07		X	X					
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

Sampler Relinquished:	03/05/08	Received By:	E-mail results to: dduncan@envplus.net ✓KS
DM for D. Robinson	Time 9:30	Kendall Mar	REMARKS: 3/5/08 - Cl only per Dave 3/05/08
Relinquished by:	03/05/08	Received By: (lab staff)	RUSH!
Kendall McCaskey	Time 10:00		
Delivered by:	Sample Cool & Intact: Yes / No	Checked By:	

ATTACHMENT III
SOIL BORING LOGS

Log Of Test Borings

(NOTE - Page 1 of 1)

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

Project Number: 200130
Project Name: Chevron - Brunson Argo Tank Battery #5
Location: UL-D, Section 10, Township 22 South, Range 37 East
Boring Number: SB5-1
Surface Elevation: 3,405-feet amsl

Start Date: 4-26-07 Time: 1230 hrs
Completion Date: 4-26-07 Time: 1605 hrs

Time	Sample Type	Recovery (inches)	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Depth (feet)	Description
1235	DC		little	.3	200			2' TOPSOIL, Red
1241	SP	6	no	160	320		5	5' SAND, Tan
1301	SP	6	no	65	200		10	10' SANDSTONE, Red very hard
1415	SP	3	no	34	200		15	15' SANDSTONE, Red
1544	SP	3	no	20	200		20	20' SANDSTONE, Gray End of Soil Boring at 21' bgs
							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: 200130
Project Name: Chevron - Brunson Argo Tank Battery #5
Location: UL-D, Section 10, Township 22 South, Range 37 East
Boring Number: SB5-2
Surface Elevation: 3,405-feet amsl

Start Date: 4-26-07 Time: 1550 hrs
Completion Date: 4-26-07 Time: 1940 hrs

Time	Sample Type	Recovery (inches)	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Depth (feet)	Description
1550	DC		little	560	240			2' TOPSOIL, Red
1600	SP	6	little	14	200		5	5' TOPSOIL, Red
1615	SP	6	dry	34	200		10	10' SOIL, Gray
1705	SP	3	dry	20	200		15	15' SANDSTONE, White - very hard
1915	SP	3	dry	17	160		20	20' SANDSTONE, White
								End of Soil Boring at 21' bgs
							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: 200130
Project Name: Chevron - Brunson Argo Tank Battery #5
Location: UL-D, Section 10, Township 22 South, Range 37 East
Boring Number: SB5-3
Surface Elevation: 3,405-feet amsl

Start Date: 4-27-07 Time: 0700 hrs
Completion Date: 4-27-07 Time: 1020 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	504	240			2' TOPSOIL, Red
0730	SP		little	397	240		5	5' TOPSOIL, Gray
0800	SP		dry	13	160		10	10' CALICHE very hard
1010	SP		dry	10	160		15	15' SANDSTONE, White End of Soil Boring at 16' bgs
							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: 200130
Project Name: Chevron - Brunson Argo Tank Battery #5
Location: UL-D, Section 10, Township 22 South, Range 37 East
Boring Number: SB5-4
Surface Elevation: 3,405-feet amsl

Start Date: 4-27-07 Time: 1025 hrs
Completion Date: 4-27-07 Time: 1145 hrs

Time	Sample Type	Recovery (inches)	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Depth (feet)	Description
1035	DC		little	.9	200			2' TOPSOIL, Red
1041	SP	6	dry	.8	200		5	5' CALICHE
1130	SP	6	dry	.9	200		10	10' 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

ATTACHMENT III
INFORMATION AND METRICS FORM
INITIAL NMOCD FORM C-141
FINAL NMOCD FORM C-141

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

Site: Brunson Argo Tank Battery #5	**Assigned Site Reference :** EPI Reference #200130
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 #5	
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: ~ 170 feet by 50 feet	
LSP Area: ~8,900 ft^2	
Location of Reference Point (RP):	
Location distance and direction from RP:	
Latitude: N 32º 24' 33.64"	
Longitude: W 103º 09' 18.70"	
Elevation above mean sea level: 3,405feet	
Feet from South Section Line:	
Feet from East Section Line:	
Location- Unit or ¼¼: NW¼ of the NW¼	**Unit Letter:** D
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 #5	**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
D	10	22S	37E					Lea

Latitude: N32° 24' 33.64" **Longitude:** W103° 09' 18.70"

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?	**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: Billy A. Anderson	OIL CONSERVATION DIVISION	
Printed Name: Bill A. Anderson	**Approved by District Supervisor:**	
Title: HES Champion	**Approval Date:**	**Expiration Date:**
E-mail Address: BillyAnderson@chevron.com	**Conditions of Approval:**	**Attached** ☐
Date: 4/27/07 **Phone:** (505) 394-1237		

*** Attach Additional Sheets If Necessary**

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 1545
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	6/29/2021