

# REMEDIATION PROPOSAL

## BRUNSON ARGO TANK BATTERY No. 1

EPI REF: #200129

RP# 1295

UL-D (NW¼ OF THE NW¼) OF SECTION 10, T22S, R37E

~1.7 MILES SOUTH OF EUNICE,

LEA COUNTY, NEW MEXICO

LATITUDE: N 32° 24' 36.41"

LONGITUDE: W 103° 09' 31.39"

**DECEMBER 2007**

PREPARED BY:

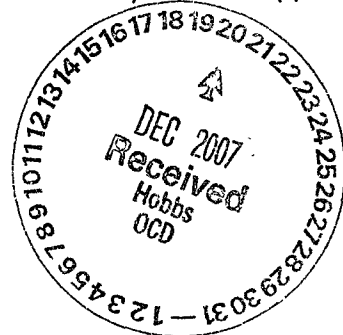
ENVIRONMENTAL PLUS, INC.  
2100 WEST AVENUE O  
EUNICE, NEW MEXICO 88231

PREPARED FOR:

**Chevron**



*Must deepene  
SB 1-4 and test  
for TPH. If  
TPH drops below  
100ppm then  
close according to  
plan. Chris Wille  
1/9/08*



RP# 1295



ENVIRONMENTAL PLUS, INC.  
CONSULTING AND REMEDIAL CONSTRUCTION

20 December 2007

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

RE: Remediation Proposal  
Chevron USA – Brunson Argo Tank Battery #1  
UL-D (NW ¼ of the NW ¼), Section 10, T 22 S, R 37 E  
Latitude: 32° 24' 36.41"; Longitude: 103° 09' 31.39"  
EPI Ref. #200129

Dear Mr. Johnson:

This letter report 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).

**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 3,408-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 Engineer's website and a database maintained by the United States Geological Survey (USGS). One (1) water supply well (USGS #5) exists within a 1,000-foot radius of the release site. Additionally, eight (8) water supply wells are located within a 1.0-mile radius of the release site (reference *Figure 2*). Groundwater data taken from domestic and USGS water wells within a one 1.0-mile radius of the release site indicates an average water depth of approximately sixty-six (66) feet below ground surface (bgs) (reference *Figure 4* and *Table 1*). Utilizing this information, New Mexico Oil Conservation Division (NMOCD) Remedial Goals for this Site were determined as follows:

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

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

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## **Field Work**

On April 25<sup>th</sup> and 26<sup>th</sup>, 2007, EPI mobilized at the tank battery to direct the location and depth of six (6) soil borings. Four (4) soil borings were advanced within confines of the bermed area, a fifth (5<sup>th</sup>) approximately twenty-five (25) feet southeast of the bermed area, and a 6<sup>th</sup> approximately one hundred three (103) feet north-northeast of the bermed area for background reference data (reference *Figure 5*). During advancement of soil borings, soil samples were collected at two (2) foot intervals initially, then at five (5) foot increments thereafter to total depth (TD) of the soil boring. Information regarding lithology of soil borings is provided in Attachment III, *Soil Boring Logs*.

## **Sampling Information**

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

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

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

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

## **Analytical Data**

Field analyses for organic vapor concentrations in SB1-1 ranged from 4.9 ppm (20-ft bgs) to 2,400 ppm (2-ft bgs), SB1-2 from 5.0 ppm (15-ft bgs) to 50.2 ppm (2-ft bgs), SB1-3 from 14.4 ppm (2-ft bgs) to 40.2 ppm (5-ft bgs), SB1-4 from 24.0 ppm (2-ft bgs) to 40.0 ppm (10- and 15-ft bgs), and SB1-5 from 130 ppm (10-ft bgs) to 357 ppm (2-ft bgs). SB1-6 was not analyzed for organic vapor concentrations. Chloride concentrations in SB1-1 ranged from 160 mg/Kg (20-ft bgs) to 320 mg/Kg (2- to 10-ft bgs), SB1-2 from 160 mg/Kg (10- and 15-ft bgs) to 240 mg/Kg (2- and 5-ft bgs), SB1-3 from 240 mg/Kg (25- and 30-ft bgs) to 800 mg/kg (2- and 5-ft bgs), SB1-4 at 240 mg/Kg (2- to 15-ft bgs), SB1-5 at 160 mg/Kg (2- to 15-ft bgs) and background reference SB1-6 at 160 mg/Kg (reference *Table 2*).

Laboratory analytical results indicated BTEX concentrations were below NMOCD remedial threshold goals in all sample intervals. TPH concentrations in SB1-1 ranged from 2,640 mg/Kg (5-ft bgs) to <30.0 mg/Kg (20-ft bgs), SB1-2 from 764 mg/Kg (5-ft bgs) to <30.0 mg/Kg (15-ft bgs), SB1-3 from 79.2 mg/Kg (2-ft bgs) to <30.0 mg/Kg (10- to 30-ft bgs), SB1-4 from <30.0 mg/Kg (2- to 5-ft bgs) to 735 mg/Kg (15-ft bgs), SB1-5 from 42,300 mg/Kg (2-ft bgs) to <30.0 mg/Kg (15-ft bgs) and background reference SB1-6 at <30.0 mg/Kg (2- to 10-ft bgs). Chloride concentrations in SB1-1 ranged from 6.9 mg/Kg (2-ft bgs) to 4.54 mg/Kg (20-ft bgs), SB1-2 from 7.07 mg/Kg (2-ft bgs) to 11.4 mg/Kg (15-ft bgs), SB1-3 from 338 mg/Kg (2-ft bgs) to 78.1 mg/Kg (30-ft bgs), SB1-4 from 159 mg/Kg (2-ft bgs) to 201 mg/Kg (15-ft bgs), SB1-5 from 12.7 mg/Kg to 4.48 mg/Kg (15-ft bgs) and background reference SB1-6 from 3.70 mg/Kg (2-ft bgs) to 115 mg/Kg (10-ft bgs) (reference *Table 2*).

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### **Site Remedial Proposal**

Based on field analyses and laboratory analytical results, the release area soil is hydrocarbon and chloride impacted. However, residual hydrocarbon and chloride concentrations diminish with vertical depth (reference *Table 2*) and are confined to a relatively small area. With groundwater approximately sixty-six (66) feet bgs, natural attenuation will reduce chloride concentrations during migration. In view of this, projected remedial activities are as follows (reference *Figure 7*):

| Site | Approximate Surface Area | Approximate Excavation Depth<br>(ft-bgs) |
|------|--------------------------|------------------------------------------|
| 1    | 8,245-ft <sup>2</sup>    | 5                                        |
| 2    | 3,263-ft <sup>2</sup>    | 5                                        |
| 3    | 1,700-ft <sup>2</sup>    | 5                                        |
| 4    | 950-ft <sup>2</sup>      | 5                                        |
| 5    | 1,113-ft <sup>2</sup>    | 5                                        |
| 6    | 2,585-ft <sup>2</sup>    | 5                                        |
| 7    | 4,806-ft <sup>2</sup>    | 3                                        |
| 8    | 4,125-ft <sup>2</sup>    | 3                                        |
| 9    | 2,425-ft <sup>2</sup>    | 5                                        |

Field analyses and conditions will determine final horizontal boundaries and depths of excavations. All excavated impacted soil and caliche will be disposed at a state approved disposal facility. Upon receipt of analytical results confirming the removal of soil impacted above NMOCD remedial threshold goals in the sidewalls and floor of the excavation, the excavation area is to be selectively backfilled with clean caliche and topsoil to original ground surface. Disturbed areas will be contoured to allow natural drainage, disked and seeded with a blend approved by the property owner. To prevent wind and water erosion, a winter cover (wheat or rye) will be applied over the disturbed area. This application will be followed by re-seeding the disturbed area in late spring 2008 when moisture levels are high and survival of newly emerged grass is greater.

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

Sincerely,

ENVIRONMENTAL PLUS, INC.

David P. Duncan  
Civil Engineer

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

Encl: Figure 1 – Area Map

Figure 2 – Site Location Map

Figure 3 – Site Map

Figure 4 – Groundwater Gradient Map

Figure 5 – Soil Boring Location Map

Figure 6 – Soil Boring and Hand Auger Location Map

Figure 7 – Proposed Excavation Map

Table 1 – Well Data

Table 2 – Summary of Soil Boring Field Analyses and Laboratory Analytical Results

Attachment I – Site Photographs

Attachment II – Laboratory Analytical Results and Chain-of-Custody Form

Attachment III – Soil Boring Logs

Attachment IV – Information and Metrics

Copy of Initial NMOCD Form C-141

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**ENCLOSURES**

## FIGURES

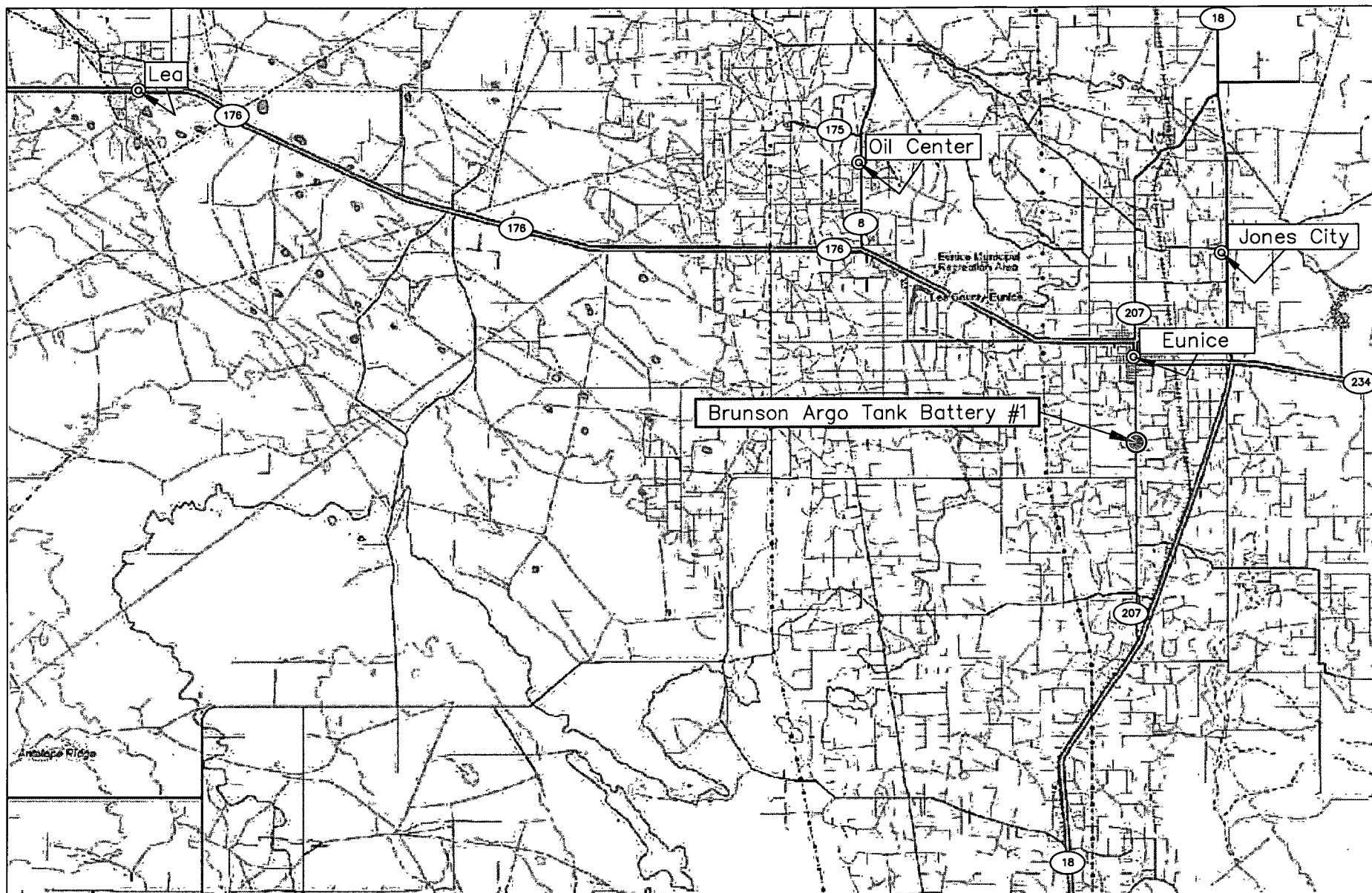
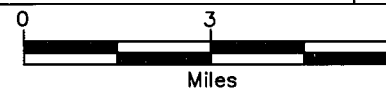


Figure 1  
Area Map  
Chevron Corporation  
Brunson Argo Tank Battery #1

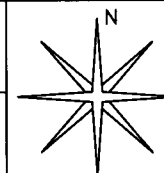
Lea County, New Mexico  
NW 1/4 of the NW 1/4, Sec. 10, T22S, R37E  
N 32°24' 36.41" W 103°09' 31.39"  
Elevation: 3,408 feet amsl

DWG By: Daniel Dominguez  
April 2007

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1 of 1



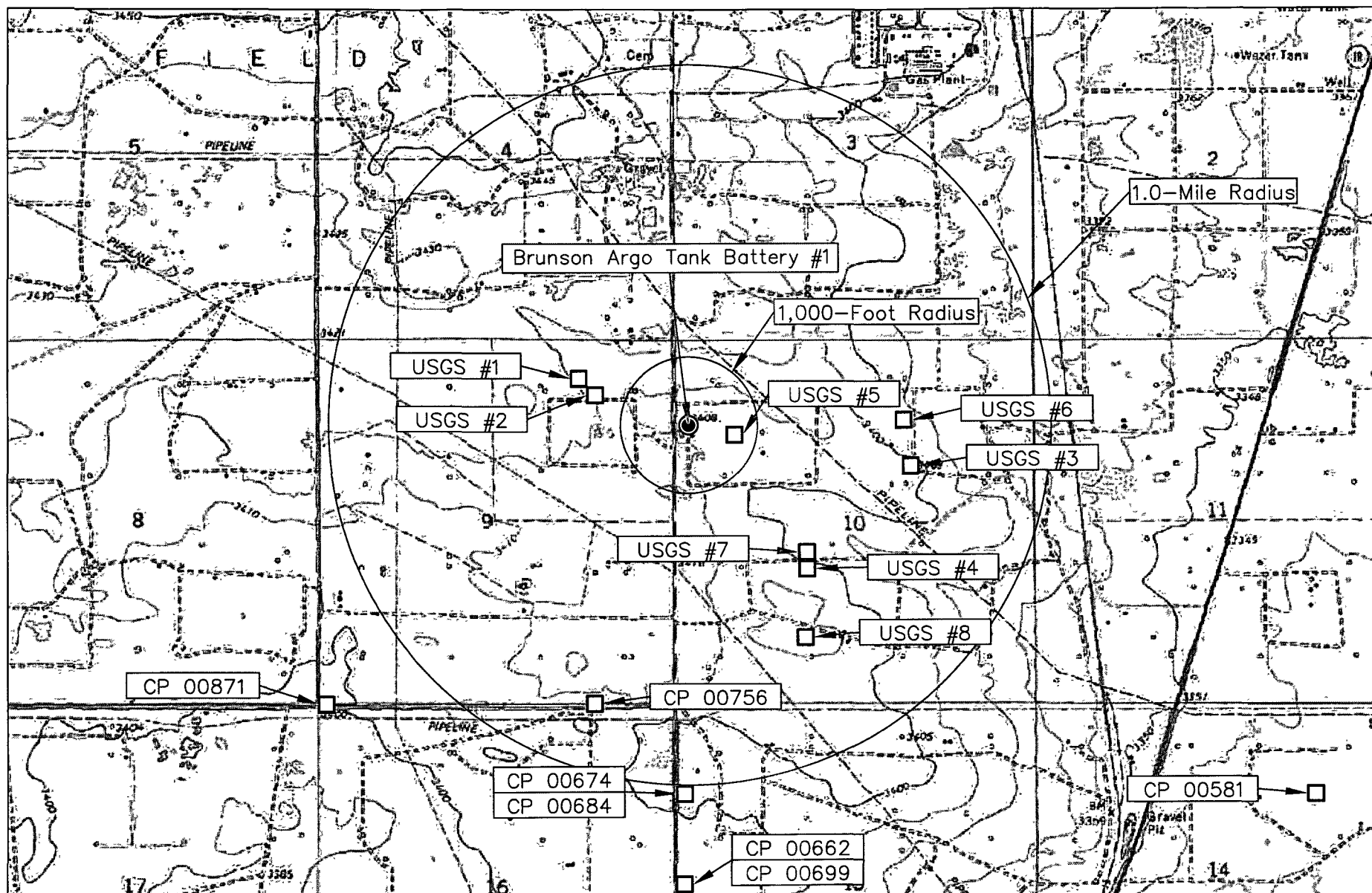
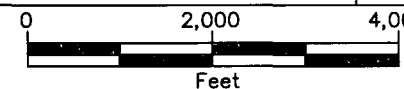


Figure 2  
Site Location Map  
Chevron Corporation  
Brunson Argo Tank Battery #1

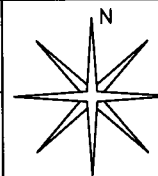
Lea County, New Mexico  
NW 1/4 of the NW 1/4, Sec. 10, T22S, R37E  
N 32° 24' 36.41" W 103° 09' 31.39"  
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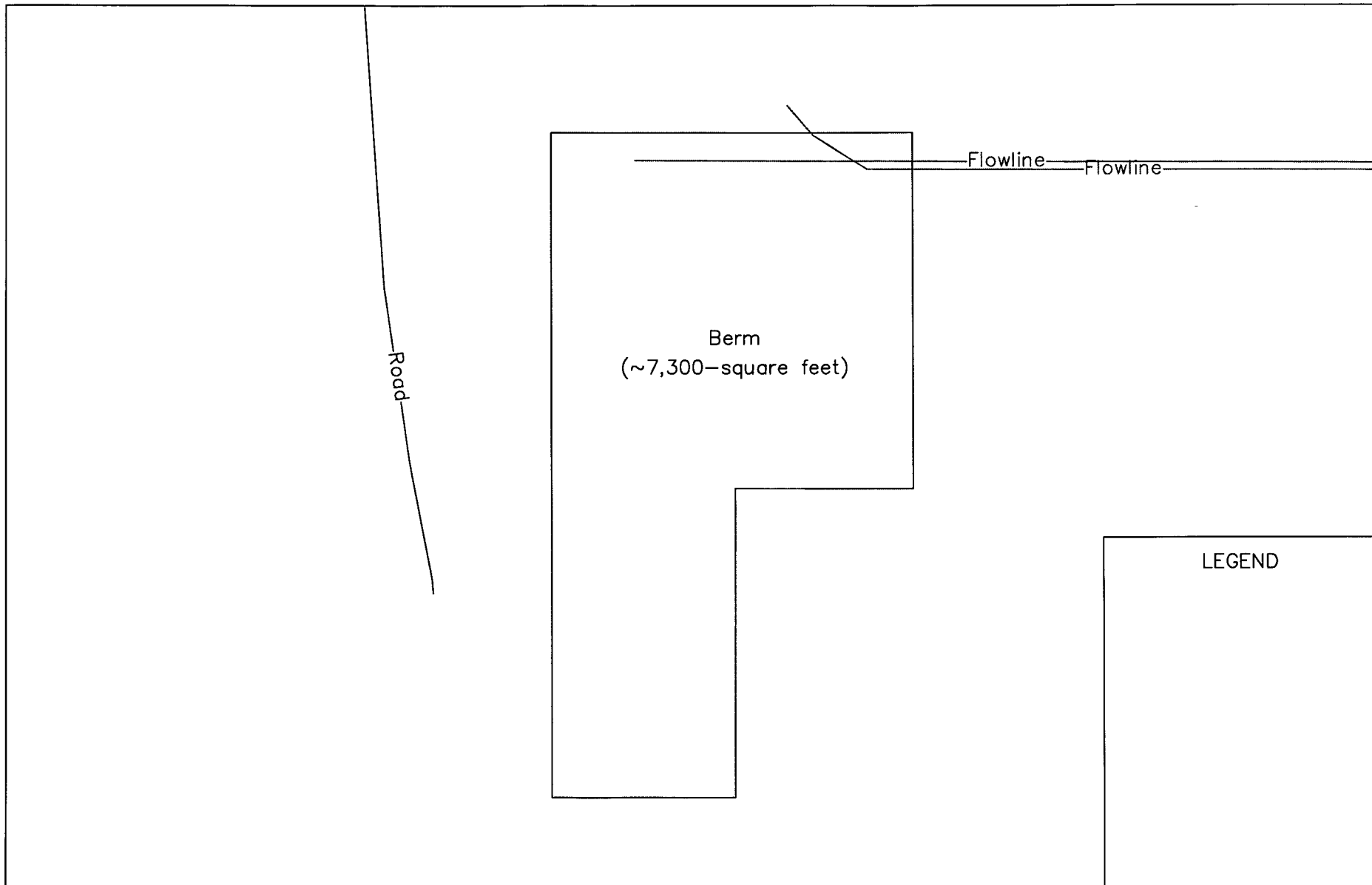
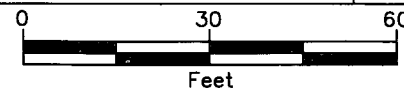


Figure 3  
Site Map  
Chevron Corporation  
Brunson Argo Tank Battery #1

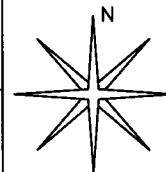
Lea County, New Mexico  
NW 1/4 of the NW 1/4, Sec. 10, T22S, R37E  
N 32°24' 36.41" W 103°09' 31.39"  
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April 2007

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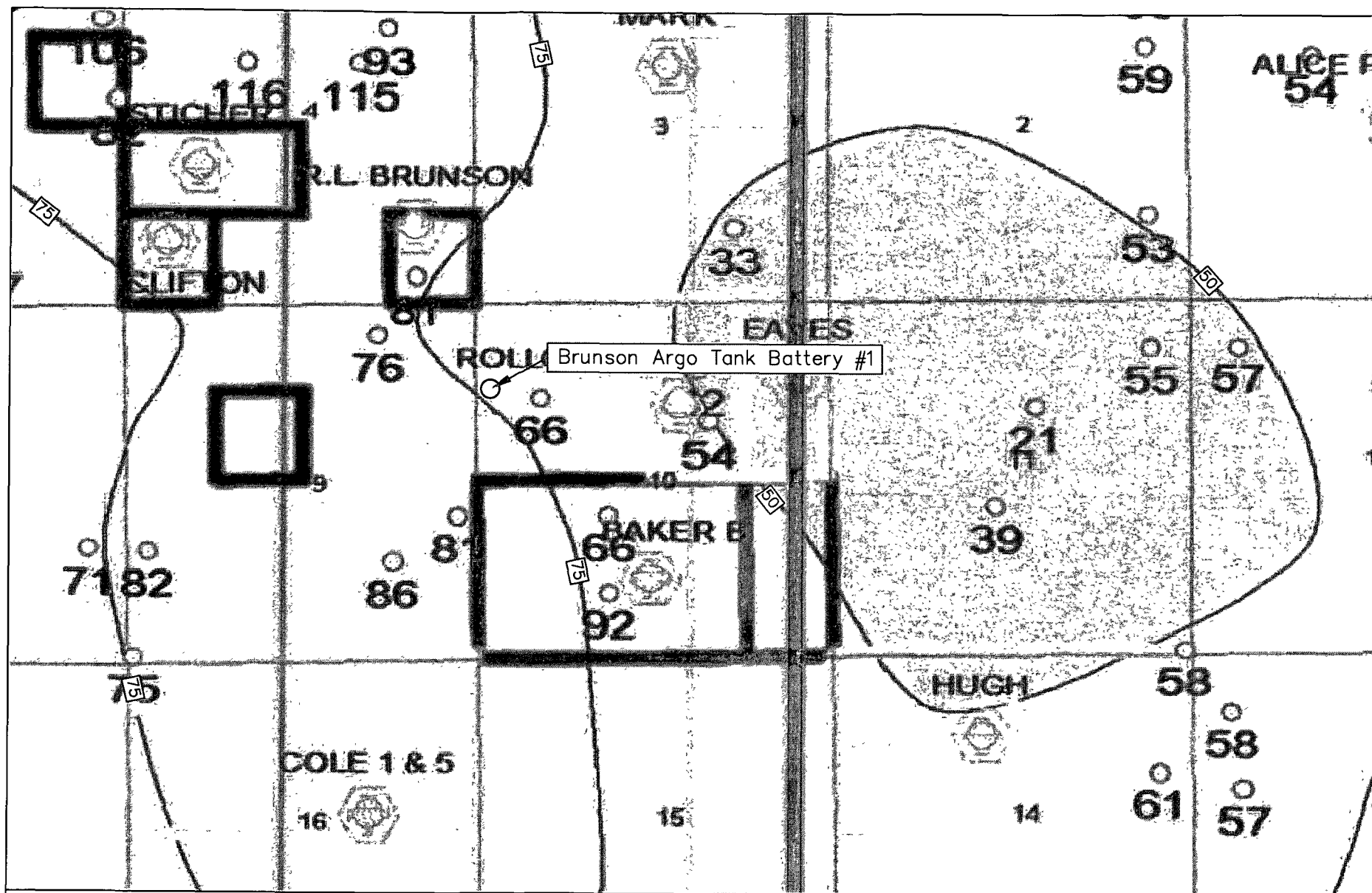
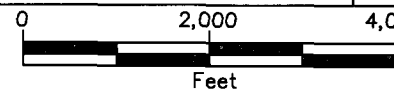


Figure 4  
Groundwater Gradient Map  
Chevron Corporation  
Brunson Argo Tank Battery #1

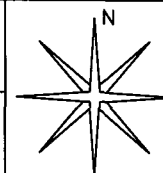
Lea County, New Mexico  
NW 1/4 of the NW 1/4, Sec. 10, T22S, R37E  
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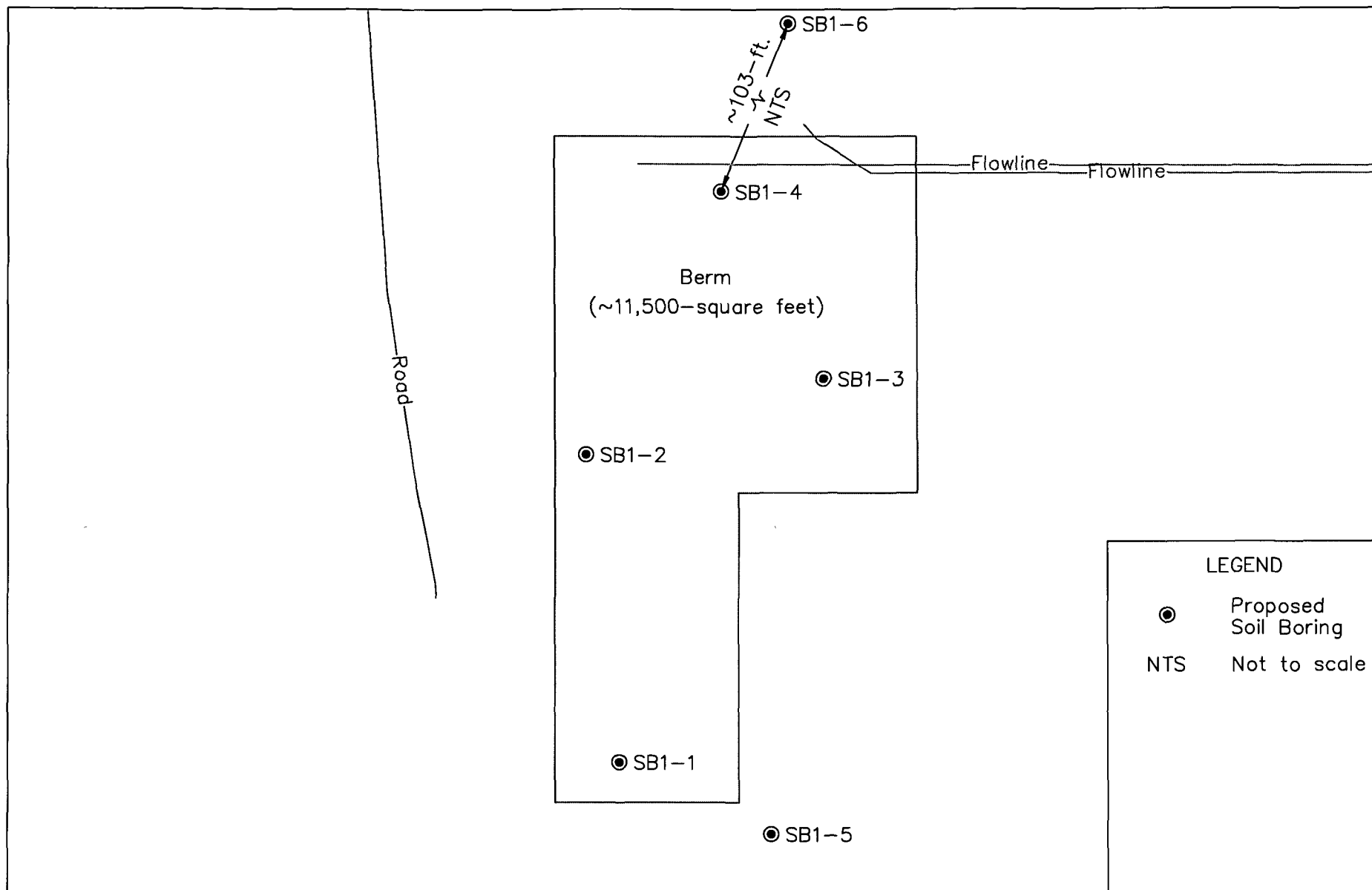
DWG By: Daniel Dominguez  
April 2007

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LEGEND

● Proposed Soil Boring

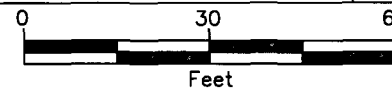
NTS Not to scale

Figure 5  
Soil Boring Location Map  
Chevron Corporation  
Brunson Argo Tank Battery #1

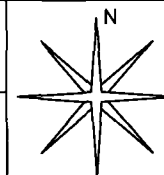
Lea County, New Mexico  
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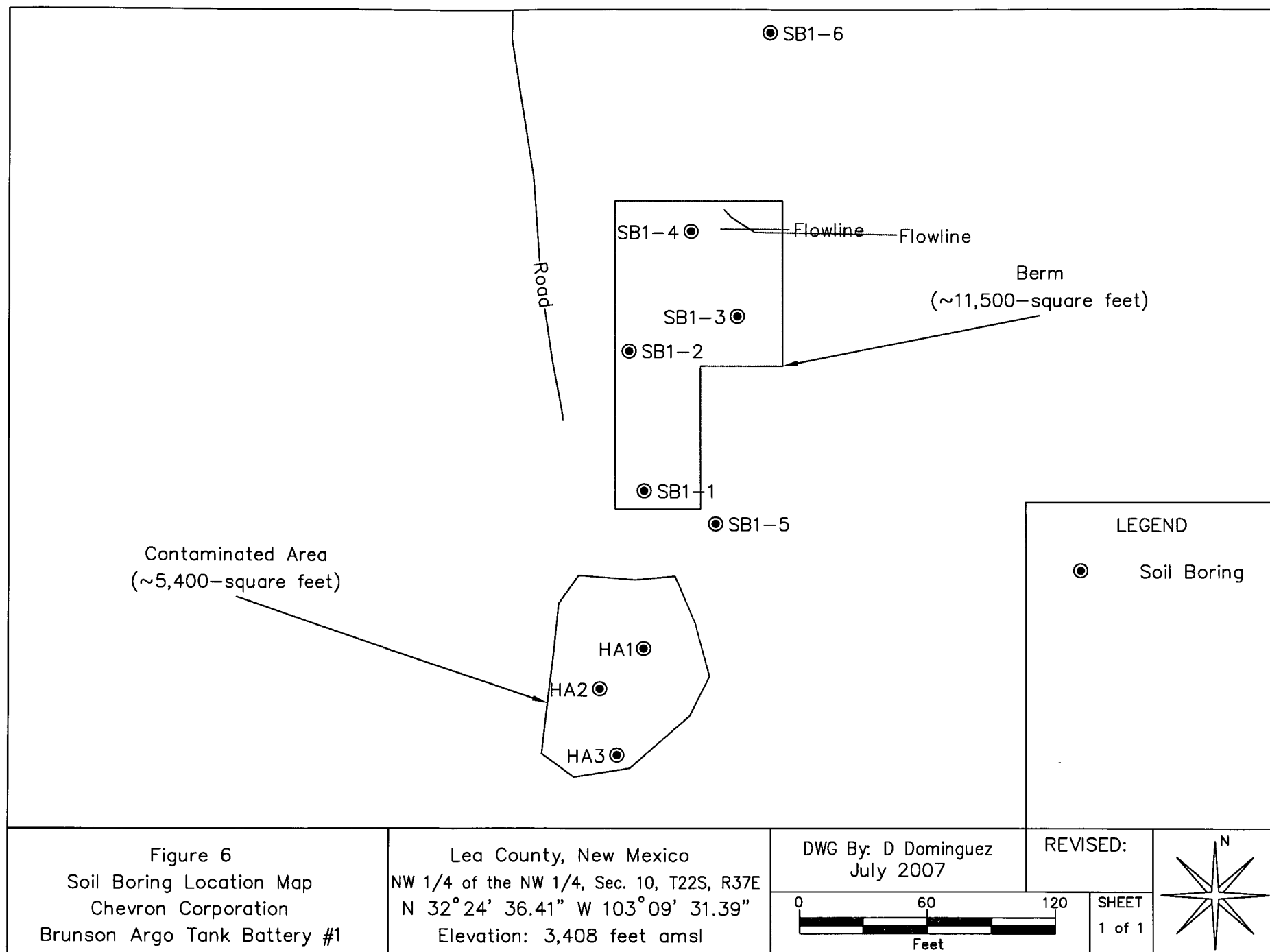
DWG By: Daniel Dominguez  
July 2007

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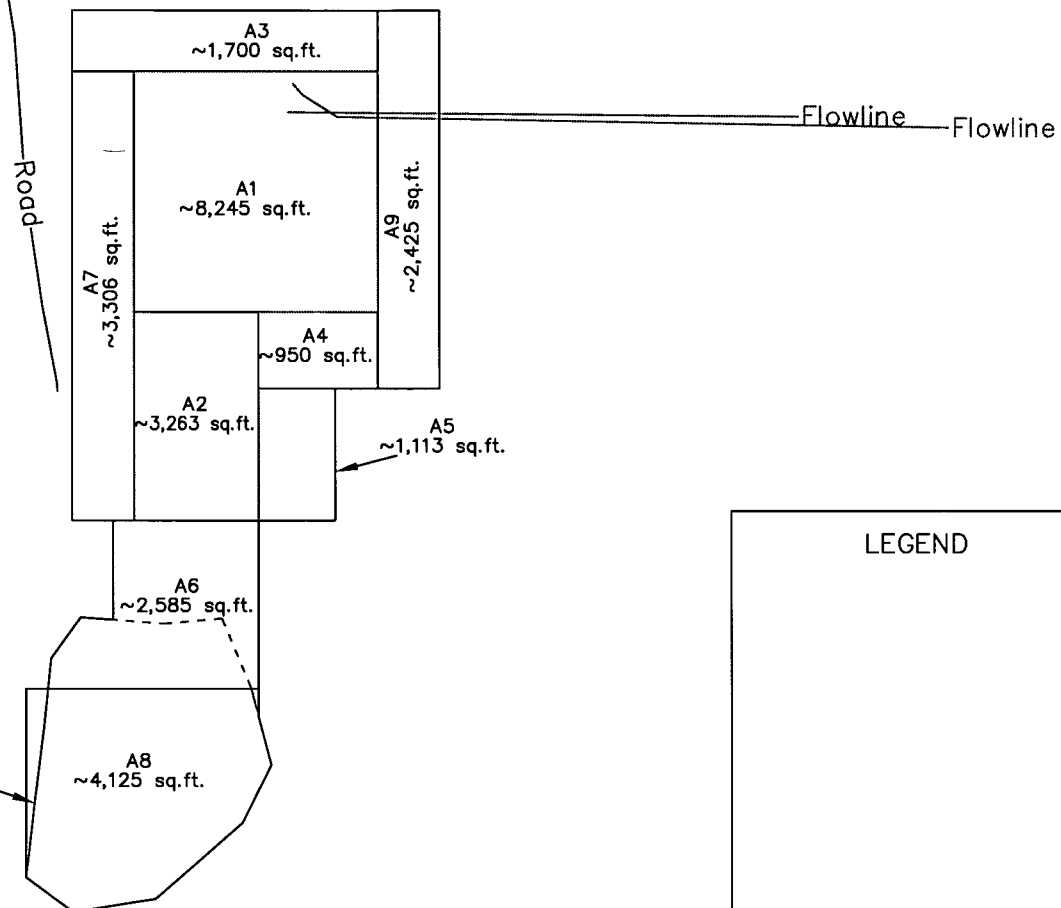


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Contaminated Area  
(~5,400-square feet)



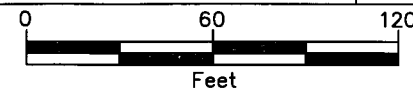
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Figure 7  
Proposed Excavation Map  
Chevron Corporation  
Brunson Argo Tank Battery #1

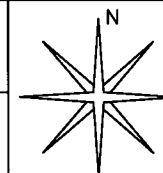
Lea County, New Mexico  
NW 1/4 of the NW 1/4, Sec. 10, T22S, R37E  
N 32°24' 36.41" W 103°09' 31.39"  
Elevation: 3,408 feet amsl

DWG By: D Dominguez  
July 2007

REVISED:  
Dec 2007



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## TABLES

**TABLE 1**  
**WELL INFORMATION REPORT\***

**Chevron USA - Brunson Argo Tank Battery #1 (Ref #200129)**

| Well Number | Diversion <sup>A</sup> | Owner                    | Use | Twsp | Rng | Sec q q q | Latitude        | Longitude        | Date Measured | Surface Elevation <sup>B</sup> | Depth to Water<br>(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://waters.ose.state.nm.us.7001/iWATERS/wr\\_RegisServlet1](http://waters.ose.state.nm.us.7001/iWATERS/wr_RegisServlet1)) and USGS Database.

<sup>A</sup> = in acre feet per annum

<sup>B</sup> = 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 3**  
**Summary of Soil Boring Field Analyses and Laboratory Analytical Results**  
**Chevron U.S.A. Inc.**  
**Brunson Argo #1 (NMOCD Ref.#; EPI Ref.# 200129)**

| 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) |
|------------|--------------|-------------|-------------|--------------------------|---------------------------------|-----------------|-----------------|----------------------|----------------------|---------------------|--------------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------------|-----------------|------------------|
| SB1-1      | 2            | In-situ     | 25-Apr-07   | 2400                     | 320                             | <0.0250         | 0.148           | 0.513                | 0.821                | 0.174               | 1.66               | 290                            | 834                             | 95.5                            | <b>1,220</b>                        | 16.0            | J [6.9]          |
| SB1-1      | 5            | In-situ     | 25-Apr-07   | 2000                     | 320                             | <0.0250         | 0.248           | 1.180                | 1.490                | 0.439               | 3.357              | 668                            | 1,830                           | 143                             | <b>2,640</b>                        | 24.8            | 35.8             |
| SB1-1      | 10           | In-situ     | 25-Apr-07   | 59.1                     | 320                             | <0.0250         | 0.027           | 0.044                | 0.068                | J [0.0221]          | 0.139              | 29.8                           | 54.7                            | <10.0                           | 84.5                                | 21.6            | 20.3             |
| SB1-1      | 15           | In-situ     | 25-Apr-07   | 36.7                     | 240                             | <0.0250         | <0.0250         | <0.0250              | <0.0250              | <0.02502            | <0.125             | <10.0                          | <10.0                           | <10.0                           | <30.0                               | 13.3            | 16.1             |
| SB1-1      | 20           | In-situ     | 25-Apr-07   | 4.9                      | 160                             | <0.0250         | <0.0250         | <0.0250              | <0.0250              | <0.02502            | <0.125             | <10.0                          | <10.0                           | <10.0                           | <30.0                               | 11.6            | J [4.54]         |
| SB1-2      | 2            | In-situ     | 25-Apr-07   | 50.2                     | 240                             | <0.0250         | <0.0250         | <0.0250              | <0.0250              | <0.0250             | <0.125             | 11.4                           | 122                             | 26.9                            | <b>160</b>                          | 26.3            | J [7.07]         |
| SB1-2      | 5            | In-situ     | 25-Apr-07   | 30.0                     | 240                             | <0.0250         | <0.0250         | <0.0250              | <0.0250              | <0.0250             | <0.125             | 18.2                           | 652.0                           | 93.3                            | <b>764</b>                          | 42.4            | 74.6             |
| SB1-2      | 10           | In-situ     | 25-Apr-07   | 9.8                      | 160                             | <0.0250         | <0.0250         | <0.0250              | <0.0250              | <0.0250             | <0.125             | <10.0                          | <10.0                           | <10.0                           | <30.0                               | 24.4            | 52.6             |
| SB1-2      | 15           | In-situ     | 25-Apr-07   | 5.0                      | 160                             | <0.0250         | <0.0250         | <0.0250              | <0.0250              | <0.0250             | <0.125             | <10.0                          | <10.0                           | <10.0                           | <30.0                               | 23.8            | 11.4             |
| SB1-3      | 2            | In-situ     | 25-Apr-07   | 14.4                     | 800                             | <0.0250         | <0.0250         | J [0.00113]          | 0.00487              | <0.0250             | 0.00487            | 14.5                           | 53.9                            | 10.8                            | 79.2                                | 91.4            | <b>338</b>       |
| SB1-3      | 5            | In-situ     | 25-Apr-07   | 40.2                     | 800                             | <0.0250         | <0.0250         | <0.0250              | <0.0250              | <0.0250             | <0.125             | 12.4                           | 37.3                            | J [9.31]                        | 49.7                                | 21.4            | 150              |
| SB1-3      | 10           | In-situ     | 25-Apr-07   | 25.0                     | 720                             | <0.0250         | <0.0250         | <0.0250              | <0.0250              | <0.0250             | <0.125             | <10.0                          | <10.0                           | <10.0                           | <30.0                               | 67.4            | <b>588</b>       |
| SB1-3      | 15           | In-situ     | 25-Apr-07   | 36.0                     | 440                             | <0.0250         | <0.0250         | <0.0250              | <0.0250              | <0.0250             | <0.125             | <10.0                          | <10.0                           | <10.0                           | <30.0                               | 28.0            | <b>303</b>       |
| SB1-3      | 20           | In-situ     | 25-Apr-07   | 40.0                     | 320                             | <0.0250         | <0.0250         | <0.0250              | <0.0250              | <0.0250             | <0.125             | <10.0                          | <10.0                           | <10.0                           | <30.0                               | 69.1            | 171              |

**TABLE 3**  
**Summary of Soil Boring Field Analyses and Laboratory Analytical Results**  
**Chevron U.S.A. Inc.**  
**Brunson Argo #1 (NMOCD Ref.#; EPI Ref.# 200129)**

| 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) |
|---------------------------|--------------|-------------|-------------|--------------------------|---------------------------------|-----------------|-----------------|----------------------|----------------------|---------------------|--------------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------------|-----------------|------------------|
| SB1-3                     | 25           | In-situ     | 25-Apr-07   | 34 0                     | 240                             | <0 0250         | <0 0250         | <0 0250              | <0 0250              | <0 0250             | <0 125             | <10 0                          | <10 0                           | <10 0                           | <30 0                               | 21 1            | 93 3             |
| SB1-3                     | 30           | In-situ     | 25-Apr-07   | 30 0                     | 240                             | <0 0250         | <0 0250         | <0 0250              | <0 0250              | <0 0250             | <0 125             | <10 0                          | <10 0                           | <10 0                           | <30 0                               | 30 5            | 78 1             |
| SB1-4                     | 2            | In-situ     | 25-Apr-07   | 25 0                     | 240                             | <0 0250         | <0 0250         | <0 0250              | <0 0250              | <0 0250             | <0 125             | <10 0                          | <10 0                           | <10 0                           | <30 0                               | 28 7            | 159              |
| SB1-4                     | 5            | In-situ     | 25-Apr-07   | 24 0                     | 240                             | <0 0250         | <0 0250         | <0 0250              | <0 0250              | <0 0250             | <0 125             | <10 0                          | <10 0                           | <10 0                           | <30 0                               | 56 3            | 126              |
| SB1-4                     | 10           | In-situ     | 25-Apr-07   | 40 0                     | 240                             | <0 0250         | <0 0250         | <0 0250              | <0 0250              | <0 0250             | <0 125             | 14 4                           | 901                             | 174                             | <b>1,090</b>                        | 44 6            | 106              |
| SB1-4                     | 15           | In-situ     | 25-Apr-07   | 40 0                     | 240                             | <0 0250         | <0 0250         | <0 0250              | <0 0250              | <0 0250             | <0 125             | 15 0                           | 618                             | 102                             | <b>735</b>                          | 116             | 201              |
| SB1-5                     | 2            | In-situ     | 25-Apr-07   | 357                      | 160                             | 0 327           | 3 44            | 11 3                 | 23 9                 | 4 19                | 42 80              | 8,570                          | 33,700                          | <10 0                           | <b>42,300</b>                       | 879             | 12 7             |
| SB1-5                     | 5            | In-situ     | 25-Apr-07   | 170                      | 160                             | <0 0250         | 0 0380          | 0 210                | 0 584                | 0 250               | 1 08               | 295                            | 1,360                           | 183                             | <b>1,840</b>                        | 23 7            | 16 5             |
| SB1-5                     | 10           | In-situ     | 25-Apr-07   | 130                      | 160                             | <0 0250         | J [0 0118]      | 0 0556               | 0 148                | 0 0587              | 0 362              | 331                            | 3,890                           | 627                             | <b>4,850</b>                        | 42 5            | 21 6             |
| SB1-5                     | 15           | In-situ     | 25-Apr-07   | --                       | 160                             | <0 0250         | <0 0250         | <0 0250              | <0 0250              | <0 0250             | <0 125             | <10 0                          | <10 0                           | <10 0                           | <30 0                               | 36 4            | J [4 48]         |
| SB1-6 (BG)                | 2            | In-situ     | 26-Apr-07   | --                       | 160                             | <0 0250         | <0 0250         | <0 0250              | <0 0250              | <0 0250             | <0 125             | <10 0                          | <10 0                           | <10 0                           | <30 0                               | 8 15            | J [3 70]         |
| SB1-6 (BG)                | 5            | In-situ     | 26-Apr-07   | --                       | 160                             | <0 0250         | <0 0250         | <0 0250              | <0 0250              | <0 0250             | <0 125             | <10 0                          | <10 0                           | <10 0                           | <30 0                               | 30 0            | 5 5              |
| SB1-6 (BG)                | 10           | In-situ     | 26-Apr-07   | --                       | 160                             | <0 0250         | <0 0250         | <0 0250              | <0 0250              | <0 0250             | <0 125             | <10 0                          | <10 0                           | <10 0                           | <30 0                               | 2,040           | 115              |
|                           |              |             |             |                          |                                 |                 |                 |                      |                      |                     |                    |                                |                                 |                                 |                                     |                 |                  |
| NMOCD Remedial Thresholds |              |             |             | 100                      |                                 | 10              |                 |                      |                      |                     | 50                 |                                |                                 |                                 | 100                                 |                 | 250              |

Bolded values are in excess of NMOCD Remediation Threshold Goal

-- = Not Analyzed

J = Detected, but below the Reporting Limit. Therefore, result is an estimated concentration (CPL J-Flag)

BG = Background Soil Boring

*SB  
1-4  
needs to  
be despoiled  
& sampled  
Chris Williams*

## **ATTACHMENTS**

**ATTACHMENT I**

**PROJECT PHOTOGRAPHS**



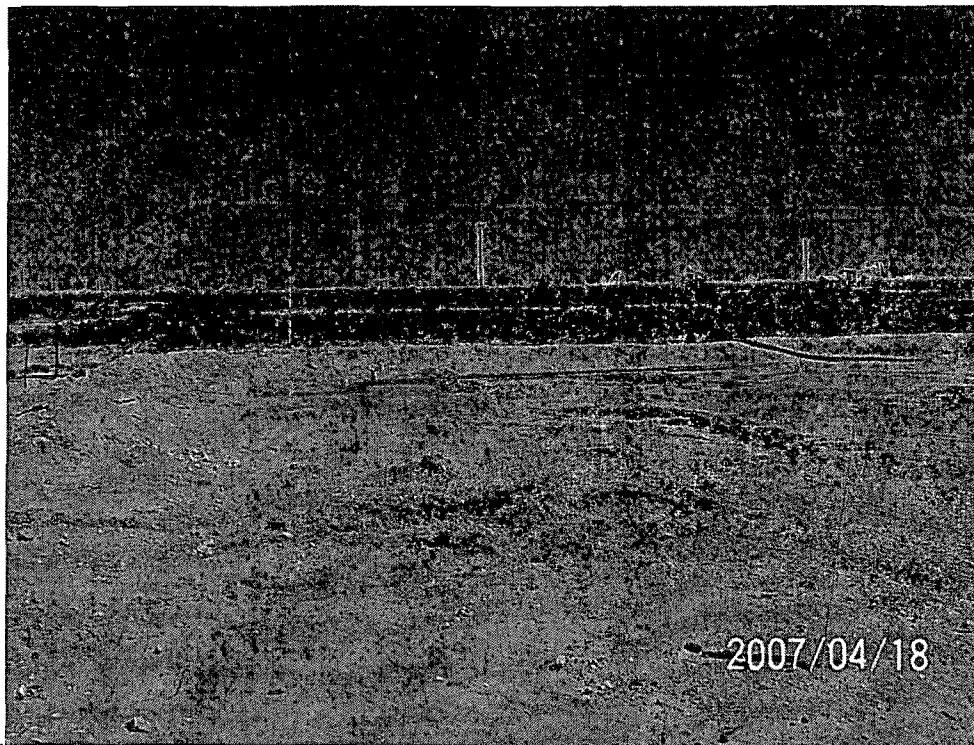
Photograph No. 1 – Lease sign



Photograph #2 – Looking northeasterly at interior of bermed area.



Photograph #3 – Looking northwesterly at interior of bermed area.



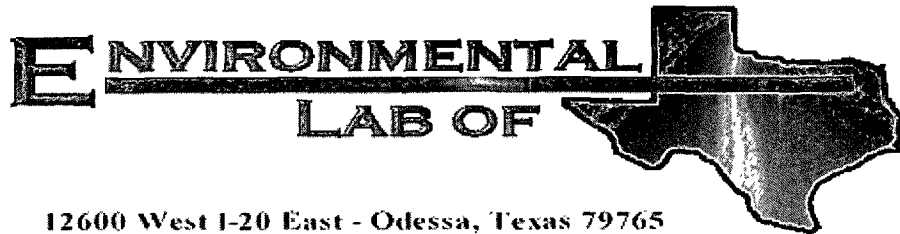
Photograph #4 – Looking northerly at interior of bermed area.

**ATTACHMENT II**

**LABORATORY ANALYTICAL REPORTS**

**AND**

**CHAIN-OF-CUSTODY FORMS**



12600 West I-20 East - Odessa, Texas 79765

A Xenco Laboratories Company

## Analytical Report

**Prepared for:**

David P. Duncan

Environmental Plus, Incorporated

P.O. Box 1558

Eunice, NM 88231

Project: Chevron/ Brunson Argo TB #1

Project Number: 200129

Location: UL-D, Sec. 10, T22S, R37E

Lab Order Number: 7D27002

Report Date: 05/09/07

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

Project. Chevron/ Brunson Argo TB #1  
Project Number 200129  
Project Manager David P. Duncan

Fax. 505-394-2601

### ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received    |
|-----------|---------------|--------|----------------|------------------|
| SB-1 2'   | 7D27002-01    | Soil   | 04/25/07 07 15 | 04-27-2007 10.30 |
| SB-1 5'   | 7D27002-02    | Soil   | 04/25/07 07 23 | 04-27-2007 10 30 |
| SB-1 10'  | 7D27002-03    | Soil   | 04/25/07 07.58 | 04-27-2007 10:30 |
| SB-1 15'  | 7D27002-04    | Soil   | 04/25/07 08 35 | 04-27-2007 10.30 |
| SB-1 20'  | 7D27002-05    | Soil   | 04/25/07 09 29 | 04-27-2007 10.30 |
| SB-2 2'   | 7D27002-06    | Soil   | 04/25/07 10 10 | 04-27-2007 10.30 |
| SB-2 5'   | 7D27002-07    | Soil   | 04/25/07 10.15 | 04-27-2007 10.30 |
| SB-2 10'  | 7D27002-08    | Soil   | 04/25/07 10.35 | 04-27-2007 10.30 |
| SB-2 15'  | 7D27002-09    | Soil   | 04/25/07 11 53 | 04-27-2007 10 30 |
| SB-3 2'   | 7D27002-10    | Soil   | 04/25/07 12 30 | 04-27-2007 10 30 |
| SB-3 5'   | 7D27002-11    | Soil   | 04/25/07 12.45 | 04-27-2007 10.30 |
| SB-3 10'  | 7D27002-12    | Soil   | 04/25/07 12.50 | 04-27-2007 10 30 |
| SB-3 15'  | 7D27002-13    | Soil   | 04/25/07 13.25 | 04-27-2007 10 30 |
| SB-3 20'  | 7D27002-14    | Soil   | 04/25/07 14.00 | 04-27-2007 10.30 |
| SB-3 25'  | 7D27002-15    | Soil   | 04/25/07 14:31 | 04-27-2007 10 30 |
| SB-3 30'  | 7D27002-16    | Soil   | 04/25/07 14.45 | 04-27-2007 10.30 |
| SB-4 2'   | 7D27002-17    | Soil   | 04/25/07 15:55 | 04-27-2007 10 30 |
| SB-4 5'   | 7D27002-18    | Soil   | 04/25/07 16.00 | 04-27-2007 10.30 |
| SB-4 10'  | 7D27002-19    | Soil   | 04/25/07 16:20 | 04-27-2007 10.30 |
| SB-4 15'  | 7D27002-20    | Soil   | 04/25/07 14:40 | 04-27-2007 10 30 |
| SB-5 2'   | 7D27002-21    | Soil   | 04/25/07 17.00 | 04-27-2007 10.30 |
| SB-5 5'   | 7D27002-22    | Soil   | 04/25/07 15 10 | 04-27-2007 10.30 |
| SB-5 10'  | 7D27002-23    | Soil   | 04/25/07 18 30 | 04-27-2007 10 30 |
| SB-5 15'  | 7D27002-24    | Soil   | 04/26/07 08.20 | 04-27-2007 10.30 |
| SB-6 2'   | 7D27002-25    | Soil   | 04/26/07 08.55 | 04-27-2007 10.30 |
| SB-6 5'   | 7D27002-26    | Soil   | 04/26/07 09.05 | 04-27-2007 10.30 |
| SB-6 10'  | 7D27002-27    | Soil   | 04/26/07 09.45 | 04-27-2007 10.30 |

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Project Chevron/ Brunson Argo TB #1  
Project Number. 200129  
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**Organics by GC**  
**Environmental Lab of Texas**

| Analyte                                 | Result            | Reporting Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------------------|-------------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| <b>SB-1 2' (7D27002-01) Soil</b>        |                   |                 |           |          |         |          |          |           |       |
| Benzene                                 | ND                | 0.0250          | mg/kg dry | 25       | ED73006 | 04/30/07 | 04/30/07 | EPA 8021B |       |
| <b>Toluene</b>                          | <b>0.148</b>      | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <b>Ethylbenzene</b>                     | <b>0.513</b>      | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <b>Xylene (p/m)</b>                     | <b>0.821</b>      | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <b>Xylene (o)</b>                       | <b>0.174</b>      | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <i>Surrogate a,a,a-Trifluorotoluene</i> |                   | 103 %           | 75-125    |          | "       | "        | "        | "         |       |
| <i>Surrogate 4-Bromofluorobenzene</i>   |                   | 130 %           | 75-125    |          | "       | "        | "        | "         | S-04  |
| <b>Carbon Ranges C6-C12</b>             | <b>290</b>        | 10.0            | mg/kg dry | 1        | ED72507 | 04/25/07 | 05/01/07 | EPA 8015M |       |
| <b>Carbon Ranges C12-C28</b>            | <b>834</b>        | 10.0            | "         | "        | "       | "        | "        | "         |       |
| <b>Carbon Ranges C28-C35</b>            | <b>95.5</b>       | 10.0            | "         | "        | "       | "        | "        | "         |       |
| <b>Total Hydrocarbons</b>               | <b>1220</b>       | 10.0            | "         | "        | "       | "        | "        | "         |       |
| <i>Surrogate 1-Chlorooctane</i>         |                   | 93.6 %          | 70-130    |          | "       | "        | "        | "         |       |
| <i>Surrogate 1-Chlorooctadecane</i>     |                   | 106 %           | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-1 5' (7D27002-02) Soil</b>        |                   |                 |           |          |         |          |          |           |       |
| Benzene                                 | ND                | 0.0250          | mg/kg dry | 25       | ED73006 | 04/30/07 | 04/30/07 | EPA 8021B |       |
| <b>Toluene</b>                          | <b>0.248</b>      | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <b>Ethylbenzene</b>                     | <b>1.18</b>       | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <b>Xylene (p/m)</b>                     | <b>1.49</b>       | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <b>Xylene (o)</b>                       | <b>0.439</b>      | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <i>Surrogate a,a,a-Trifluorotoluene</i> |                   | 108 %           | 75-125    |          | "       | "        | "        | "         |       |
| <i>Surrogate 4-Bromofluorobenzene</i>   |                   | 150 %           | 75-125    |          | "       | "        | "        | "         | S-04  |
| <b>Carbon Ranges C6-C12</b>             | <b>668</b>        | 10.0            | mg/kg dry | 1        | ED72507 | 04/25/07 | 05/01/07 | EPA 8015M |       |
| <b>Carbon Ranges C12-C28</b>            | <b>1830</b>       | 10.0            | "         | "        | "       | "        | "        | "         |       |
| <b>Carbon Ranges C28-C35</b>            | <b>143</b>        | 10.0            | "         | "        | "       | "        | "        | "         |       |
| <b>Total Hydrocarbons</b>               | <b>2640</b>       | 10.0            | "         | "        | "       | "        | "        | "         |       |
| <i>Surrogate 1-Chlorooctane</i>         |                   | 94.0 %          | 70-130    |          | "       | "        | "        | "         |       |
| <i>Surrogate 1-Chlorooctadecane</i>     |                   | 124 %           | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-1 10' (7D27002-03) Soil</b>       |                   |                 |           |          |         |          |          |           |       |
| Benzene                                 | ND                | 0.0250          | mg/kg dry | 25       | ED73006 | 04/30/07 | 04/30/07 | EPA 8021B |       |
| <b>Toluene</b>                          | <b>0.0267</b>     | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <b>Ethylbenzene</b>                     | <b>0.0441</b>     | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <b>Xylene (p/m)</b>                     | <b>0.0675</b>     | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <b>Xylene (o)</b>                       | <b>J [0.0221]</b> | 0.0250          | "         | "        | "       | "        | "        | "         | J     |
| <i>Surrogate a,a,a-Trifluorotoluene</i> |                   | 105 %           | 75-125    |          | "       | "        | "        | "         |       |
| <i>Surrogate 4-Bromofluorobenzene</i>   |                   | 115 %           | 75-125    |          | "       | "        | "        | "         |       |
| <b>Carbon Ranges C6-C12</b>             | <b>29.8</b>       | 10.0            | mg/kg dry | 1        | ED72507 | 04/25/07 | 05/01/07 | EPA 8015M |       |

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The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas

Page 2 of 28

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Eunice NM, 88231

Project Chevron/ Brunson Argo TB #1  
Project Number. 200129  
Project Manager David P. Duncan

Fax. 505-394-2601

**Organics by GC**  
**Environmental Lab of Texas**

| Analyte                                 | Result      | Reporting<br>Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------------------|-------------|--------------------|-----------|----------|---------|----------|----------|-----------|-------|
| <b>SB-1 10' (7D27002-03) Soil</b>       |             |                    |           |          |         |          |          |           |       |
| <b>Carbon Ranges C12-C28</b>            | <b>54.7</b> | 10.0               | mg/kg dry | 1        | ED72507 | 04/25/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C28-C35                   | ND          | 10.0               | "         | "        | "       | "        | "        | "         |       |
| <b>Total Hydrocarbons</b>               | <b>84.5</b> | 10.0               | "         | "        | "       | "        | "        | "         |       |
| <i>Surrogate 1-Chlorooctane</i>         |             | 80.4 %             | 70-130    |          | "       | "        | "        | "         |       |
| <i>Surrogate 1-Chlorooctadecane</i>     |             | 85.6 %             | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-1 15' (7D27002-04) Soil</b>       |             |                    |           |          |         |          |          |           |       |
| Benzene                                 | ND          | 0.00200            | mg/kg dry | 2        | ED73006 | 04/30/07 | 04/30/07 | EPA 8021B |       |
| Toluene                                 | ND          | 0.00200            | "         | "        | "       | "        | "        | "         |       |
| Ethylbenzene                            | ND          | 0.00200            | "         | "        | "       | "        | "        | "         |       |
| Xylene (p/m)                            | ND          | 0.00200            | "         | "        | "       | "        | "        | "         |       |
| Xylene (o)                              | ND          | 0.00200            | "         | "        | "       | "        | "        | "         |       |
| <i>Surrogate a,a,a-Trifluorotoluene</i> |             | 95.0 %             | 75-125    |          | "       | "        | "        | "         |       |
| <i>Surrogate 4-Bromofluorobenzene</i>   |             | 94.0 %             | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12                    | ND          | 10.0               | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C12-C28                   | ND          | 10.0               | "         | "        | "       | "        | "        | "         |       |
| Carbon Ranges C28-C35                   | ND          | 10.0               | "         | "        | "       | "        | "        | "         |       |
| <b>Total Hydrocarbons</b>               | <b>ND</b>   | 10.0               | "         | "        | "       | "        | "        | "         |       |
| <i>Surrogate 1-Chlorooctane</i>         |             | 82.4 %             | 70-130    |          | "       | "        | "        | "         |       |
| <i>Surrogate 1-Chlorooctadecane</i>     |             | 97.4 %             | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-1 20' (7D27002-05) Soil</b>       |             |                    |           |          |         |          |          |           |       |
| Benzene                                 | ND          | 0.00200            | mg/kg dry | 2        | ED73006 | 04/30/07 | 04/30/07 | EPA 8021B |       |
| Toluene                                 | ND          | 0.00200            | "         | "        | "       | "        | "        | "         |       |
| Ethylbenzene                            | ND          | 0.00200            | "         | "        | "       | "        | "        | "         |       |
| Xylene (p/m)                            | ND          | 0.00200            | "         | "        | "       | "        | "        | "         |       |
| Xylene (o)                              | ND          | 0.00200            | "         | "        | "       | "        | "        | "         |       |
| <i>Surrogate a,a,a-Trifluorotoluene</i> |             | 91.2 %             | 75-125    |          | "       | "        | "        | "         |       |
| <i>Surrogate 4-Bromofluorobenzene</i>   |             | 90.8 %             | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12                    | ND          | 10.0               | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C12-C28                   | ND          | 10.0               | "         | "        | "       | "        | "        | "         |       |
| Carbon Ranges C28-C35                   | ND          | 10.0               | "         | "        | "       | "        | "        | "         |       |
| <b>Total Hydrocarbons</b>               | <b>ND</b>   | 10.0               | "         | "        | "       | "        | "        | "         |       |
| <i>Surrogate 1-Chlorooctane</i>         |             | 86.6 %             | 70-130    |          | "       | "        | "        | "         |       |
| <i>Surrogate 1-Chlorooctadecane</i>     |             | 99.6 %             | 70-130    |          | "       | "        | "        | "         |       |

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

Project. Chevron/ Brunson Argo TB #1  
Project Number. 200129  
Project Manager. David P. Duncan

Fax 505-394-2601

**Organics by GC**  
**Environmental Lab of Texas**

| Analyte                           | Result      | Reporting Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------------|-------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| <b>SB-2 2' (7D27002-06) Soil</b>  |             |                 |           |          |         |          |          |           |       |
| Benzene                           | ND          | 0.00200         | mg/kg dry | 2        | ED73006 | 04/30/07 | 04/30/07 | 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  |             | 78.6 %          | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |             | 76.2 %          | 75-125    |          | "       | "        | "        | "         |       |
| <b>Carbon Ranges C6-C12</b>       | <b>11.4</b> | 10.0            | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |
| <b>Carbon Ranges C12-C28</b>      | <b>122</b>  | 10.0            | "         | "        | "       | "        | "        | "         |       |
| <b>Carbon Ranges C28-C35</b>      | <b>26.9</b> | 10.0            | "         | "        | "       | "        | "        | "         |       |
| <b>Total Hydrocarbons</b>         | <b>160</b>  | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |             | 84.0 %          | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |             | 94.6 %          | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-2 5' (7D27002-07) Soil</b>  |             |                 |           |          |         |          |          |           |       |
| Benzene                           | ND          | 0.00200         | mg/kg dry | 2        | ED73006 | 04/30/07 | 04/30/07 | EPA 8021B |       |
| Toluene                           | ND          | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Ethylbenzene                      | ND          | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Xylene (p/m)                      | ND          | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Xylene (o)                        | ND          | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Surrogate a,a,a-Trifluorotoluene  |             | 79.4 %          | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |             | 76.0 %          | 75-125    |          | "       | "        | "        | "         |       |
| <b>Carbon Ranges C6-C12</b>       | <b>18.2</b> | 10.0            | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |
| <b>Carbon Ranges C12-C28</b>      | <b>652</b>  | 10.0            | "         | "        | "       | "        | "        | "         |       |
| <b>Carbon Ranges C28-C35</b>      | <b>93.3</b> | 10.0            | "         | "        | "       | "        | "        | "         |       |
| <b>Total Hydrocarbons</b>         | <b>764</b>  | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |             | 84.0 %          | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |             | 110 %           | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-2 10' (7D27002-08) Soil</b> |             |                 |           |          |         |          |          |           |       |
| Benzene                           | ND          | 0.00200         | mg/kg dry | 2        | ED73006 | 04/30/07 | 04/30/07 | 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  |             | 90.2 %          | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |             | 89.4 %          | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12              | ND          | 10.0            | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |

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P.O. Box 1558  
Eunice NM, 88231

Project Chevron/ Brunson Argo TB #1  
Project Number 200129  
Project Manager David P. Duncan

Fax. 505-394-2601

**Organics by GC**  
**Environmental Lab of Texas**

| Analyte                           | Result      | Reporting Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------------|-------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| <b>SB-2 10' (7D27002-08) Soil</b> |             |                 |           |          |         |          |          |           |       |
| Carbon Ranges C12-C28             | ND          | 10.0            | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C28-C35             | ND          | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Total Hydrocarbons                | ND          | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |             | 93.8 %          | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |             | 106 %           | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-2 15' (7D27002-09) Soil</b> |             |                 |           |          |         |          |          |           |       |
| Benzene                           | ND          | 0.00200         | mg/kg dry | 2        | ED73006 | 04/30/07 | 04/30/07 | EPA 8021B |       |
| Toluene                           | ND          | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Ethylbenzene                      | ND          | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Xylene (p/m)                      | ND          | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Xylene (o)                        | ND          | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Surrogate a,a,a-Trifluorotoluene  |             | 89.4 %          | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |             | 88.6 %          | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12              | ND          | 10.0            | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C12-C28             | ND          | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Carbon Ranges C28-C35             | ND          | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Total Hydrocarbons                | ND          | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |             | 80.4 %          | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |             | 94.2 %          | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-3 2' (7D27002-10) Soil</b>  |             |                 |           |          |         |          |          |           |       |
| Benzene                           | ND          | 0.00200         | mg/kg dry | 2        | ED73006 | 04/30/07 | 04/30/07 | EPA 8021B |       |
| Toluene                           | ND          | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Ethylbenzene                      | J [0.00113] | 0.00200         | "         | "        | "       | "        | "        | "         | J     |
| Xylene (p/m)                      | 0.00487     | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Xylene (o)                        | ND          | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Surrogate a,a,a-Trifluorotoluene  |             | 83.4 %          | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |             | 85.0 %          | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12              | 14.5        | 10.0            | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C12-C28             | 53.9        | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Carbon Ranges C28-C35             | 10.8        | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Total Hydrocarbons                | 79.2        | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |             | 84.8 %          | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |             | 100 %           | 70-130    |          | "       | "        | "        | "         |       |

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P O Box 1558  
Eunice NM, 88231

Project: Chevron/ Brunson Argo TB #1  
Project Number. 200129  
Project Manager David P. Duncan

Fax. 505-394-2601

**Organics by GC**  
**Environmental Lab of Texas**

| Analyte                           | Result   | Reporting<br>Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------------|----------|--------------------|-----------|----------|---------|----------|----------|-----------|-------|
| <b>SB-3 5' (7D27002-11) Soil</b>  |          |                    |           |          |         |          |          |           |       |
| Benzene                           | ND       | 0.00200            | mg/kg dry | 2        | ED73006 | 04/30/07 | 04/30/07 | 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  |          | 94.6 %             | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |          | 88.8 %             | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12              | 12.4     | 10.0               | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C12-C28             | 37.3     | 10.0               | "         | "        | "       | "        | "        | "         |       |
| Carbon Ranges C28-C35             | J [9.31] | 10.0               | "         | "        | "       | "        | "        | "         | J     |
| Total Hydrocarbons                | 49.7     | 10.0               | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |          | 85.0 %             | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |          | 97.0 %             | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-3 10' (7D27002-12) Soil</b> |          |                    |           |          |         |          |          |           |       |
| Benzene                           | ND       | 0.00200            | mg/kg dry | 2        | ED73006 | 04/30/07 | 04/30/07 | 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  |          | 93.4 %             | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |          | 94.2 %             | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12              | ND       | 10.0               | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C12-C28             | ND       | 10.0               | "         | "        | "       | "        | "        | "         |       |
| Carbon Ranges C28-C35             | ND       | 10.0               | "         | "        | "       | "        | "        | "         |       |
| Total Hydrocarbons                | ND       | 10.0               | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |          | 83.4 %             | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |          | 96.4 %             | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-3 15' (7D27002-13) Soil</b> |          |                    |           |          |         |          |          |           |       |
| Benzene                           | ND       | 0.00200            | mg/kg dry | 2        | ED73006 | 04/30/07 | 04/30/07 | 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  |          | 95.2 %             | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |          | 94.2 %             | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12              | ND       | 10.0               | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |

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Project Chevron/ Brunson Argo TB #1  
Project Number 200129  
Project Manager David P. Duncan

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**Organics by GC**  
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| Analyte                           | Result | Reporting Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| <b>SB-3 15' (7D27002-13) Soil</b> |        |                 |           |          |         |          |          |           |       |
| Carbon Ranges C12-C28             | ND     | 10.0            | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C28-C35             | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Total Hydrocarbons                | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |        | 81.2 %          | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |        | 93.0 %          | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-3 20' (7D27002-14) Soil</b> |        |                 |           |          |         |          |          |           |       |
| Benzene                           | ND     | 0.00200         | mg/kg dry | 2        | ED73006 | 04/30/07 | 04/30/07 | 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  |        | 96.8 %          | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |        | 93.6 %          | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12              | ND     | 10.0            | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C12-C28             | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Carbon Ranges C28-C35             | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Total Hydrocarbons                | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |        | 76.8 %          | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |        | 90.0 %          | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-3 25' (7D27002-15) Soil</b> |        |                 |           |          |         |          |          |           |       |
| Benzene                           | ND     | 0.00200         | mg/kg dry | 2        | ED73006 | 04/30/07 | 04/30/07 | 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  |        | 90.4 %          | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |        | 90.0 %          | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12              | ND     | 10.0            | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C12-C28             | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Carbon Ranges C28-C35             | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Total Hydrocarbons                | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |        | 70.2 %          | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |        | 94.8 %          | 70-130    |          | "       | "        | "        | "         |       |

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Project Number: 200129  
Project Manager David P. Duncan

Fax: 505-394-2601

**Organics by GC**  
**Environmental Lab of Texas**

| Analyte                           | Result | Reporting Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| <b>SB-3 30' (7D27002-16) Soil</b> |        |                 |           |          |         |          |          |           |       |
| Benzene                           | ND     | 0.00200         | mg/kg dry | 2        | ED73006 | 04/30/07 | 04/30/07 | 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  |        | 101 %           | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |        | 96.4 %          | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12              | ND     | 10.0            | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C12-C28             | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Carbon Ranges C28-C35             | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Total Hydrocarbons                | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |        | 78.6 %          | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |        | 90.8 %          | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-4 2' (7D27002-17) Soil</b>  |        |                 |           |          |         |          |          |           |       |
| Benzene                           | ND     | 0.00200         | mg/kg dry | 2        | ED73006 | 04/30/07 | 04/30/07 | 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  |        | 85.2 %          | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |        | 79.8 %          | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12              | ND     | 10.0            | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C12-C28             | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Carbon Ranges C28-C35             | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Total Hydrocarbons                | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |        | 83.4 %          | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |        | 98.6 %          | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-4 5' (7D27002-18) Soil</b>  |        |                 |           |          |         |          |          |           |       |
| Benzene                           | ND     | 0.00200         | mg/kg dry | 2        | ED73008 | 04/30/07 | 05/02/07 | 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  |        | 82.8 %          | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |        | 80.0 %          | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12              | ND     | 10.0            | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |

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P.O. Box 1558  
Eunice NM, 88231

Project Chevron/ Brunson Argo TB #1  
Project Number. 200129  
Project Manager. David P. Duncan

Fax. 505-394-2601

**Organics by GC**  
**Environmental Lab of Texas**

| Analyte                           | Result | Reporting Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| <b>SB-4 5' (7D27002-18) Soil</b>  |        |                 |           |          |         |          |          |           |       |
| Carbon Ranges C12-C28             | ND     | 10.0            | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C28-C35             | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Total Hydrocarbons                | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |        | 80.2 %          | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |        | 91.0 %          | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-4 10' (7D27002-19) Soil</b> |        |                 |           |          |         |          |          |           |       |
| Benzene                           | ND     | 0.00200         | mg/kg dry | 2        | ED73008 | 04/30/07 | 05/02/07 | EPA 8021B |       |
| Toluene                           | ND     | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Ethylbenzene                      | ND     | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Xylene (p/m)                      | ND     | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Xylene (o)                        | ND     | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Surrogate a,a,a-Trifluorotoluene  |        | 77.0 %          | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |        | 75.4 %          | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12              | 14.4   | 10.0            | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C12-C28             | 901    | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Carbon Ranges C28-C35             | 174    | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Total Hydrocarbons                | 1090   | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |        | 95.8 %          | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |        | 111 %           | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-4 15' (7D27002-20) Soil</b> |        |                 |           |          |         |          |          |           |       |
| Benzene                           | ND     | 0.00200         | mg/kg dry | 2        | ED73008 | 04/30/07 | 05/02/07 | EPA 8021B |       |
| Toluene                           | ND     | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Ethylbenzene                      | ND     | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Xylene (p/m)                      | ND     | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Xylene (o)                        | ND     | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Surrogate a,a,a-Trifluorotoluene  |        | 77.8 %          | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |        | 78.2 %          | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12              | 15.0   | 10.0            | mg/kg dry | 1        | ED72701 | 04/27/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C12-C28             | 618    | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Carbon Ranges C28-C35             | 102    | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Total Hydrocarbons                | 735    | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |        | 88.6 %          | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |        | 109 %           | 70-130    |          | "       | "        | "        | "         |       |

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Eunice NM, 88231

Project Chevron/ Brunson Argo TB #1  
Project Number. 200129  
Project Manager. David P. Duncan

Fax 505-394-2601

**Organics by GC**  
**Environmental Lab of Texas**

| Analyte                                 | Result            | Reporting Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------------------|-------------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| <b>SB-5 2' (7D27002-21) Soil</b>        |                   |                 |           |          |         |          |          |           |       |
| <b>Benzene</b>                          | <b>0.327</b>      | 0.200           | mg/kg dry | 200      | ED73008 | 04/30/07 | 05/02/07 | EPA 8021B |       |
| <b>Toluene</b>                          | <b>3.44</b>       | 0.200           | "         | "        | "       | "        | "        | "         |       |
| <b>Ethylbenzene</b>                     | <b>11.3</b>       | 0.200           | "         | "        | "       | "        | "        | "         |       |
| <b>Xylene (p/m)</b>                     | <b>23.9</b>       | 0.200           | "         | "        | "       | "        | "        | "         |       |
| <b>Xylene (o)</b>                       | <b>4.19</b>       | 0.200           | "         | "        | "       | "        | "        | "         |       |
| <i>Surrogate a,a,a-Trifluorotoluene</i> |                   | 119 %           | 75-125    |          | "       | "        | "        | "         |       |
| <i>Surrogate 4-Bromofluorobenzene</i>   |                   | 145 %           | 75-125    |          | "       | "        | "        | "         | S-04  |
| <b>Carbon Ranges C6-C12</b>             | <b>8570</b>       | 100             | mg/kg dry | 10       | ED72702 | 04/30/07 | 05/01/07 | EPA 8015M |       |
| <b>Carbon Ranges C12-C28</b>            | <b>33700</b>      | 100             | "         | "        | "       | "        | "        | "         |       |
| <b>Carbon Ranges C28-C35</b>            | <b>ND</b>         | 100             | "         | "        | "       | "        | "        | "         |       |
| <b>Total Hydrocarbons</b>               | <b>42300</b>      | 100             | "         | "        | "       | "        | "        | "         |       |
| <i>Surrogate 1-Chlorooctane</i>         |                   | 21.2 %          | 70-130    |          | "       | "        | "        | "         | S-06  |
| <i>Surrogate 1-Chlorooctadecane</i>     |                   | 34.2 %          | 70-130    |          | "       | "        | "        | "         | S-06  |
| <b>SB-5 5' (7D27002-22) Soil</b>        |                   |                 |           |          |         |          |          |           |       |
| <b>Benzene</b>                          | <b>ND</b>         | 0.0250          | mg/kg dry | 25       | ED73008 | 04/30/07 | 05/02/07 | EPA 8021B |       |
| <b>Toluene</b>                          | <b>0.0380</b>     | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <b>Ethylbenzene</b>                     | <b>0.210</b>      | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <b>Xylene (p/m)</b>                     | <b>0.584</b>      | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <b>Xylene (o)</b>                       | <b>0.250</b>      | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <i>Surrogate a,a,a-Trifluorotoluene</i> |                   | 100 %           | 75-125    |          | "       | "        | "        | "         |       |
| <i>Surrogate 4-Bromofluorobenzene</i>   |                   | 129 %           | 75-125    |          | "       | "        | "        | "         | S-04  |
| <b>Carbon Ranges C6-C12</b>             | <b>295</b>        | 50.0            | mg/kg dry | 5        | ED72702 | 04/30/07 | 05/01/07 | EPA 8015M |       |
| <b>Carbon Ranges C12-C28</b>            | <b>1360</b>       | 50.0            | "         | "        | "       | "        | "        | "         |       |
| <b>Carbon Ranges C28-C35</b>            | <b>183</b>        | 50.0            | "         | "        | "       | "        | "        | "         |       |
| <b>Total Hydrocarbons</b>               | <b>1840</b>       | 50.0            | "         | "        | "       | "        | "        | "         |       |
| <i>Surrogate 1-Chlorooctane</i>         |                   | 17.4 %          | 70-130    |          | "       | "        | "        | "         | S-06  |
| <i>Surrogate 1-Chlorooctadecane</i>     |                   | 21.4 %          | 70-130    |          | "       | "        | "        | "         | S-06  |
| <b>SB-5 10' (7D27002-23) Soil</b>       |                   |                 |           |          |         |          |          |           |       |
| <b>Benzene</b>                          | <b>ND</b>         | 0.0250          | mg/kg dry | 25       | ED73008 | 04/30/07 | 05/02/07 | EPA 8021B |       |
| <b>Toluene</b>                          | <b>J [0.0118]</b> | 0.0250          | "         | "        | "       | "        | "        | "         | J     |
| <b>Ethylbenzene</b>                     | <b>0.0556</b>     | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <b>Xylene (p/m)</b>                     | <b>0.148</b>      | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <b>Xylene (o)</b>                       | <b>0.0587</b>     | 0.0250          | "         | "        | "       | "        | "        | "         |       |
| <i>Surrogate a,a,a-Trifluorotoluene</i> |                   | 100 %           | 75-125    |          | "       | "        | "        | "         |       |
| <i>Surrogate 4-Bromofluorobenzene</i>   |                   | 106 %           | 75-125    |          | "       | "        | "        | "         |       |
| <b>Carbon Ranges C6-C12</b>             | <b>331</b>        | 50.0            | mg/kg dry | 5        | ED72702 | 04/30/07 | 05/01/07 | EPA 8015M |       |

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Project Chevron/ Brunson Argo TB #1  
Project Number 200129  
Project Manager David P. Duncan

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**Organics by GC**  
**Environmental Lab of Texas**

| Analytic                          | Result | Reporting Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| <b>SB-5 10' (7D27002-23) Soil</b> |        |                 |           |          |         |          |          |           |       |
| Carbon Ranges C12-C28             | 3890   | 50.0            | mg/kg dry | 5        | ED72702 | 04/30/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C28-C35             | 627    | 50.0            | "         | "        | "       | "        | "        | "         |       |
| Total Hydrocarbons                | 4850   | 50.0            | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |        | 15.2 %          | 70-130    |          | "       | "        | "        | "         | S-06  |
| Surrogate 1-Chlorooctadecane      |        | 15.9 %          | 70-130    |          | "       | "        | "        | "         | S-06  |
| <b>SB-5 15' (7D27002-24) Soil</b> |        |                 |           |          |         |          |          |           |       |
| Benzene                           | ND     | 0.00200         | mg/kg dry | 2        | ED73008 | 04/30/07 | 05/02/07 | EPA 8021B |       |
| Toluene                           | ND     | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Ethylbenzene                      | ND     | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Xylene (p/m)                      | ND     | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Xylene (o)                        | ND     | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Surrogate a,a,a-Trifluorotoluene  |        | 77.2 %          | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |        | 79.6 %          | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12              | ND     | 10.0            | mg/kg dry | 1        | ED72702 | 04/30/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C12-C28             | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Carbon Ranges C28-C35             | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Total Hydrocarbons                | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |        | 70.4 %          | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |        | 74.4 %          | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-6 2' (7D27002-25) Soil</b>  |        |                 |           |          |         |          |          |           |       |
| Benzene                           | ND     | 0.00200         | mg/kg dry | 2        | ED73008 | 04/30/07 | 05/02/07 | EPA 8021B |       |
| Toluene                           | ND     | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Ethylbenzene                      | ND     | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Xylene (p/m)                      | ND     | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Xylene (o)                        | ND     | 0.00200         | "         | "        | "       | "        | "        | "         |       |
| Surrogate a,a,a-Trifluorotoluene  |        | 84.0 %          | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |        | 89.2 %          | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12              | ND     | 10.0            | mg/kg dry | 1        | ED72702 | 04/30/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C12-C28             | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Carbon Ranges C28-C35             | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Total Hydrocarbons                | ND     | 10.0            | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |        | 70.6 %          | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |        | 70.0 %          | 70-130    |          | "       | "        | "        | "         |       |

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Project. Chevron/ Brunson Argo TB #1  
Project Number. 200129  
Project Manager David P. Duncan

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**Organics by GC**  
**Environmental Lab of Texas**

| Analyte                           | Result | Reporting<br>Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------------|--------|--------------------|-----------|----------|---------|----------|----------|-----------|-------|
| <b>SB-6 5' (7D27002-26) Soil</b>  |        |                    |           |          |         |          |          |           |       |
| Benzene                           | ND     | 0.00200            | mg/kg dry | 2        | ED73008 | 04/30/07 | 05/02/07 | EPA 8021B |       |
| Toluene                           | ND     | 0.00200            | "         | "        | "       | "        | "        | "         |       |
| Ethylbenzene                      | ND     | 0.00200            | "         | "        | "       | "        | "        | "         |       |
| Xylene (p/m)                      | ND     | 0.00200            | "         | "        | "       | "        | "        | "         |       |
| Xylene (o)                        | ND     | 0.00200            | "         | "        | "       | "        | "        | "         |       |
| Surrogate a,a,a-Trifluorotoluene  |        | 77.2 %             | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |        | 78.0 %             | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12              | ND     | 10.0               | mg/kg dry | 1        | ED72702 | 04/30/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C12-C28             | ND     | 10.0               | "         | "        | "       | "        | "        | "         |       |
| Carbon Ranges C28-C35             | ND     | 10.0               | "         | "        | "       | "        | "        | "         |       |
| Total Hydrocarbons                | ND     | 10.0               | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |        | 71.6 %             | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |        | 78.8 %             | 70-130    |          | "       | "        | "        | "         |       |
| <b>SB-6 10' (7D27002-27) Soil</b> |        |                    |           |          |         |          |          |           |       |
| Benzene                           | ND     | 0.00200            | mg/kg dry | 2        | ED73008 | 04/30/07 | 05/02/07 | 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  |        | 85.8 %             | 75-125    |          | "       | "        | "        | "         |       |
| Surrogate 4-Bromofluorobenzene    |        | 84.4 %             | 75-125    |          | "       | "        | "        | "         |       |
| Carbon Ranges C6-C12              | ND     | 10.0               | mg/kg dry | 1        | ED72702 | 04/30/07 | 05/01/07 | EPA 8015M |       |
| Carbon Ranges C12-C28             | ND     | 10.0               | "         | "        | "       | "        | "        | "         |       |
| Carbon Ranges C28-C35             | ND     | 10.0               | "         | "        | "       | "        | "        | "         |       |
| Total Hydrocarbons                | ND     | 10.0               | "         | "        | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctane          |        | 70.2 %             | 70-130    |          | "       | "        | "        | "         |       |
| Surrogate 1-Chlorooctadecane      |        | 75.4 %             | 70-130    |          | "       | "        | "        | "         |       |

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Project Number. 200129  
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**General Chemistry Parameters by EPA / Standard Methods**  
**Environmental Lab of Texas**

| Analyte                           | Result   | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method        | Notes |
|-----------------------------------|----------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| <b>SB-1 2' (7D27002-01) Soil</b>  |          |                 |       |          |         |          |          |               |       |
| Chloride                          | J [6.90] | 10.0            | mg/kg | 20       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     | J     |
| % Moisture                        | 6.5      | 0.1             | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 16.0     | 10.0            | mg/kg | 20       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-1 5' (7D27002-02) Soil</b>  |          |                 |       |          |         |          |          |               |       |
| Chloride                          | 35.8     | 5.00            | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 7.9      | 0.1             | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 24.8     | 5.00            | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-1 10' (7D27002-03) Soil</b> |          |                 |       |          |         |          |          |               |       |
| Chloride                          | 21.6     | 5.00            | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 11.1     | 0.1             | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 20.3     | 5.00            | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-1 15' (7D27002-04) Soil</b> |          |                 |       |          |         |          |          |               |       |
| Chloride                          | 13.3     | 5.00            | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 12.8     | 0.1             | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 16.1     | 5.00            | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-1 20' (7D27002-05) Soil</b> |          |                 |       |          |         |          |          |               |       |
| Chloride                          | J [4.54] | 5.00            | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     | J     |
| % Moisture                        | 11.3     | 0.1             | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 11.6     | 5.00            | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-2 2' (7D27002-06) Soil</b>  |          |                 |       |          |         |          |          |               |       |
| Chloride                          | J [7.07] | 10.0            | mg/kg | 20       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     | J     |
| % Moisture                        | 13.2     | 0.1             | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 26.3     | 10.0            | mg/kg | 20       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-2 5' (7D27002-07) Soil</b>  |          |                 |       |          |         |          |          |               |       |
| Chloride                          | 74.6     | 10.0            | mg/kg | 20       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 9.9      | 0.1             | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 42.4     | 10.0            | mg/kg | 20       | EE70706 | 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 #1  
Project Number. 200129  
Project Manager David P. Duncan

Fax. 505-394-2601

**General Chemistry Parameters by EPA / Standard Methods**  
**Environmental Lab of Texas**

| Analytic                          | Result | Reporting<br>Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method        | Notes |
|-----------------------------------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| <b>SB-2 10' (7D27002-08) Soil</b> |        |                    |       |          |         |          |          |               |       |
| Chloride                          | 52.6   | 5.00               | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 7.8    | 0.1                | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 24.4   | 5.00               | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-2 15' (7D27002-09) Soil</b> |        |                    |       |          |         |          |          |               |       |
| Chloride                          | 11.4   | 5.00               | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 10.4   | 0.1                | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 23.8   | 5.00               | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-3 2' (7D27002-10) Soil</b>  |        |                    |       |          |         |          |          |               |       |
| Chloride                          | 338    | 25.0               | mg/kg | 50       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 8.3    | 0.1                | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 91.4   | 25.0               | mg/kg | 50       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-3 5' (7D27002-11) Soil</b>  |        |                    |       |          |         |          |          |               |       |
| Chloride                          | 150    | 10.0               | mg/kg | 20       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 7.9    | 0.1                | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 21.4   | 10.0               | mg/kg | 20       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-3 10' (7D27002-12) Soil</b> |        |                    |       |          |         |          |          |               |       |
| Chloride                          | 588    | 50.0               | mg/kg | 100      | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 8.2    | 0.1                | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 67.4   | 50.0               | mg/kg | 100      | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-3 15' (7D27002-13) Soil</b> |        |                    |       |          |         |          |          |               |       |
| Chloride                          | 303    | 10.0               | mg/kg | 20       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 7.9    | 0.1                | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 28.0   | 10.0               | mg/kg | 20       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-3 20' (7D27002-14) Soil</b> |        |                    |       |          |         |          |          |               |       |
| Chloride                          | 171    | 50.0               | mg/kg | 100      | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 7.4    | 0.1                | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 69.1   | 50.0               | mg/kg | 100      | EE70706 | 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 #1  
Project Number: 200129  
Project Manager: David P. Duncan

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 |
|-----------------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| <b>SB-3 25' (7D27002-15) Soil</b> |        |                 |       |          |         |          |          |               |       |
| Chloride                          | 93.3   | 5.00            | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 2.6    | 0.1             | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 21.1   | 5.00            | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-3 30' (7D27002-16) Soil</b> |        |                 |       |          |         |          |          |               |       |
| Chloride                          | 78.1   | 20.0            | mg/kg | 40       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 2.7    | 0.1             | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 30.5   | 20.0            | mg/kg | 40       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-4 2' (7D27002-17) Soil</b>  |        |                 |       |          |         |          |          |               |       |
| Chloride                          | 159    | 10.0            | mg/kg | 20       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 12.5   | 0.1             | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 28.7   | 10.0            | mg/kg | 20       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-4 5' (7D27002-18) Soil</b>  |        |                 |       |          |         |          |          |               |       |
| Chloride                          | 126    | 5.00            | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 10.2   | 0.1             | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 56.3   | 5.00            | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-4 10' (7D27002-19) Soil</b> |        |                 |       |          |         |          |          |               |       |
| Chloride                          | 106    | 5.00            | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 7.3    | 0.1             | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 44.6   | 5.00            | mg/kg | 10       | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-4 15' (7D27002-20) Soil</b> |        |                 |       |          |         |          |          |               |       |
| Chloride                          | 201    | 50.0            | mg/kg | 100      | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 8.6    | 0.1             | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 116    | 50.0            | mg/kg | 100      | EE70706 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-5 2' (7D27002-21) Soil</b>  |        |                 |       |          |         |          |          |               |       |
| Chloride                          | 12.7   | 10.0            | mg/kg | 20       | EE70708 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 15.3   | 0.1             | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 879    | 10.0            | mg/kg | 20       | 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 #1  
Project Number 200129  
Project Manager: David P. Duncan

Fax 505-394-2601

**General Chemistry Parameters by EPA / Standard Methods**  
**Environmental Lab of Texas**

| Analyte                           | Result   | Reporting<br>Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method        | Notes |
|-----------------------------------|----------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| <b>SB-5 5' (7D27002-22) Soil</b>  |          |                    |       |          |         |          |          |               |       |
| Chloride                          | 16.5     | 5.00               | mg/kg | 10       | EE70708 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 10.9     | 0.1                | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 23.7     | 5.00               | mg/kg | 10       | EE70708 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-5 10' (7D27002-23) Soil</b> |          |                    |       |          |         |          |          |               |       |
| Chloride                          | 21.6     | 5.00               | mg/kg | 10       | EE70708 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 8.7      | 0.1                | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 42.5     | 5.00               | mg/kg | 10       | EE70708 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-5 15' (7D27002-24) Soil</b> |          |                    |       |          |         |          |          |               |       |
| Chloride                          | J [4.48] | 5.00               | mg/kg | 10       | EE70708 | 05/07/07 | 05/07/07 | EPA 300.0     | J     |
| % Moisture                        | 10.7     | 0.1                | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 36.4     | 5.00               | mg/kg | 10       | EE70708 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-6 2' (7D27002-25) Soil</b>  |          |                    |       |          |         |          |          |               |       |
| Chloride                          | J [3.70] | 5.00               | mg/kg | 10       | EE70708 | 05/07/07 | 05/07/07 | EPA 300.0     | J     |
| % Moisture                        | 2.5      | 0.1                | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 8.15     | 5.00               | mg/kg | 10       | EE70708 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-6 5' (7D27002-26) Soil</b>  |          |                    |       |          |         |          |          |               |       |
| Chloride                          | 5.46     | 5.00               | mg/kg | 10       | EE70708 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 5.8      | 0.1                | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 30.0     | 5.00               | mg/kg | 10       | EE70708 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| <b>SB-6 10' (7D27002-27) Soil</b> |          |                    |       |          |         |          |          |               |       |
| Chloride                          | 115      | 10.0               | mg/kg | 20       | EE70708 | 05/07/07 | 05/07/07 | EPA 300.0     |       |
| % Moisture                        | 5.3      | 0.1                | %     | 1        | ED73004 | 04/27/07 | 04/27/07 | % calculation |       |
| Sulfate                           | 2040     | 10.0               | mg/kg | 20       | 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 #1  
Project Number: 200129  
Project Manager: David P. Duncan

Fax: 505-394-2601

**Organics by GC - Quality Control**  
**Environmental Lab of Texas**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|

**Batch ED72507 - Solvent Extraction (GC)**

**Blank (ED72507-BLK1)**

Prepared: 04/25/07 Analyzed: 05/01/07

|                              |      |      |           |      |  |      |        |  |  |
|------------------------------|------|------|-----------|------|--|------|--------|--|--|
| Carbon Ranges C6-C12         | ND   | 10.0 | mg/kg wet |      |  |      |        |  |  |
| Carbon Ranges C12-C28        | ND   | 10.0 | "         |      |  |      |        |  |  |
| Carbon Ranges C28-C35        | ND   | 10.0 | "         |      |  |      |        |  |  |
| Total Hydrocarbons           | ND   | 10.0 | "         |      |  |      |        |  |  |
| Surrogate 1-Chlorooctane     | 40.3 |      | mg/kg     | 50.0 |  | 80.6 | 70-130 |  |  |
| Surrogate 1-Chlorooctadecane | 47.7 |      | "         | 50.0 |  | 95.4 | 70-130 |  |  |

**LCS (ED72507-BS1)**

Prepared: 04/25/07 Analyzed: 05/01/07

|                              |      |      |           |      |  |      |        |  |  |
|------------------------------|------|------|-----------|------|--|------|--------|--|--|
| Carbon Ranges C6-C12         | 600  | 10.0 | mg/kg wet | 500  |  | 120  | 75-125 |  |  |
| Carbon Ranges C12-C28        | 471  | 10.0 | "         | 500  |  | 94.2 | 75-125 |  |  |
| Carbon Ranges C28-C35        | ND   | 10.0 | "         | 0.00 |  |      | 75-125 |  |  |
| Total Hydrocarbons           | 1070 | 10.0 | "         | 1000 |  | 107  | 75-125 |  |  |
| Surrogate 1-Chlorooctane     | 46.1 |      | mg/kg     | 50.0 |  | 92.2 | 70-130 |  |  |
| Surrogate 1-Chlorooctadecane | 49.5 |      | "         | 50.0 |  | 99.0 | 70-130 |  |  |

**Calibration Check (ED72507-CCV1)**

Prepared: 04/25/07 Analyzed: 05/01/07

|                              |      |  |       |      |  |      |        |  |  |
|------------------------------|------|--|-------|------|--|------|--------|--|--|
| Carbon Ranges C6-C12         | 211  |  | mg/kg | 250  |  | 84.4 | 80-120 |  |  |
| Carbon Ranges C12-C28        | 207  |  | "     | 250  |  | 82.8 | 80-120 |  |  |
| Total Hydrocarbons           | 418  |  | "     | 500  |  | 83.6 | 80-120 |  |  |
| Surrogate 1-Chlorooctane     | 49.6 |  | "     | 50.0 |  | 99.2 | 70-130 |  |  |
| Surrogate 1-Chlorooctadecane | 57.8 |  | "     | 50.0 |  | 116  | 70-130 |  |  |

**Matrix Spike (ED72507-MS1)**

Source: 7D24008-04

Prepared: 04/25/07 Analyzed: 05/01/07

|                              |      |      |           |      |    |     |        |  |  |
|------------------------------|------|------|-----------|------|----|-----|--------|--|--|
| Carbon Ranges C6-C12         | 636  | 10.0 | mg/kg dry | 515  | ND | 123 | 75-125 |  |  |
| Carbon Ranges C12-C28        | 538  | 10.0 | "         | 515  | ND | 104 | 75-125 |  |  |
| Carbon Ranges C28-C35        | ND   | 10.0 | "         | 0.00 | ND |     | 75-125 |  |  |
| Total Hydrocarbons           | 1170 | 10.0 | "         | 1030 | ND | 114 | 75-125 |  |  |
| Surrogate 1-Chlorooctane     | 64.0 |      | mg/kg     | 50.0 |    | 128 | 70-130 |  |  |
| Surrogate 1-Chlorooctadecane | 58.0 |      | "         | 50.0 |    | 116 | 70-130 |  |  |

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Eunice NM, 88231

Project. Chevron/ Brunson Argo TB #1  
Project Number. 200129  
Project Manager. David P. Duncan

Fax 505-394-2601

**Organics by GC - Quality Control**  
**Environmental Lab of Texas**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch ED72507 - Solvent Extraction (GC)**

|                                        |      |                           |           |                    |    |                   |        |       |    |  |
|----------------------------------------|------|---------------------------|-----------|--------------------|----|-------------------|--------|-------|----|--|
| <b>Matrix Spike Dup (ED72507-MSD1)</b> |      | <b>Source: 7D24008-04</b> |           | Prepared. 04/25/07 |    | Analyzed 05/01/07 |        |       |    |  |
| Carbon Ranges C6-C12                   | 641  | 10.0                      | mg/kg dry | 515                | ND | 124               | 75-125 | 0.810 | 20 |  |
| Carbon Ranges C12-C28                  | 529  | 10.0                      | "         | 515                | ND | 103               | 75-125 | 0.966 | 20 |  |
| Carbon Ranges C28-C35                  | ND   | 10.0                      | "         | 0.00               | ND |                   | 75-125 |       | 20 |  |
| Total Hydrocarbons                     | 1170 | 10.0                      | "         | 1030               | ND | 114               | 75-125 | 0.00  | 20 |  |
| Surrogate 1-Chlorooctane               | 61.4 |                           | mg/kg     | 50.0               |    | 123               | 70-130 |       |    |  |
| Surrogate 1-Chlorooctadecane           | 52.0 |                           | "         | 50.0               |    | 104               | 70-130 |       |    |  |

**Batch ED72701 - Solvent Extraction (GC)**

|                              |      |      |           |                    |  |                    |        |  |  |  |
|------------------------------|------|------|-----------|--------------------|--|--------------------|--------|--|--|--|
| <b>Blank (ED72701-BLK1)</b>  |      |      |           | Prepared: 04/27/07 |  | Analyzed. 05/01/07 |        |  |  |  |
| 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     | 46.0 |      | mg/kg     | 50.0               |  | 92.0               | 70-130 |  |  |  |
| Surrogate 1-Chlorooctadecane | 49.3 |      | "         | 50.0               |  | 98.6               | 70-130 |  |  |  |

|                              |      |      |           |                   |  |                   |        |  |  |  |
|------------------------------|------|------|-----------|-------------------|--|-------------------|--------|--|--|--|
| <b>LCS (ED72701-BS1)</b>     |      |      |           | Prepared 04/27/07 |  | Analyzed 05/01/07 |        |  |  |  |
| Carbon Ranges C6-C12         | 605  | 10.0 | mg/kg wet | 500               |  | 121               | 75-125 |  |  |  |
| Carbon Ranges C12-C28        | 478  | 10.0 | "         | 500               |  | 95.6              | 75-125 |  |  |  |
| Carbon Ranges C28-C35        | ND   | 10.0 | "         | 0.00              |  |                   | 75-125 |  |  |  |
| Total Hydrocarbons           | 1080 | 10.0 | "         | 1000              |  | 108               | 75-125 |  |  |  |
| Surrogate 1-Chlorooctane     | 54.9 |      | mg/kg     | 50.0              |  | 110               | 70-130 |  |  |  |
| Surrogate 1-Chlorooctadecane | 50.8 |      | "         | 50.0              |  | 102               | 70-130 |  |  |  |

|                                         |      |  |       |                    |  |                    |        |  |  |  |
|-----------------------------------------|------|--|-------|--------------------|--|--------------------|--------|--|--|--|
| <b>Calibration Check (ED72701-CCV1)</b> |      |  |       | Prepared. 04/27/07 |  | Analyzed. 05/01/07 |        |  |  |  |
| Carbon Ranges C6-C12                    | 216  |  | mg/kg | 250                |  | 86.4               | 80-120 |  |  |  |
| Carbon Ranges C12-C28                   | 214  |  | "     | 250                |  | 85.6               | 80-120 |  |  |  |
| Total Hydrocarbons                      | 430  |  | "     | 500                |  | 86.0               | 80-120 |  |  |  |
| Surrogate 1-Chlorooctane                | 51.1 |  | "     | 50.0               |  | 102                | 70-130 |  |  |  |
| Surrogate 1-Chlorooctadecane            | 59.9 |  | "     | 50.0               |  | 120                | 70-130 |  |  |  |

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

Project: Chevron/ Brunson Argo TB #1  
Project Number 200129  
Project Manager David P Duncan

Fax: 505-394-2601

**Organics by GC - Quality Control**  
**Environmental Lab of Texas**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|

**Batch ED72701 - Solvent Extraction (GC)**

**Matrix Spike (ED72701-MS1)**

Source: 7D27002-04

Prepared: 04/27/07 Analyzed: 05/02/07

|                              |      |      |           |      |    |      |        |  |  |
|------------------------------|------|------|-----------|------|----|------|--------|--|--|
| Carbon Ranges C6-C12         | 690  | 10.0 | mg/kg dry | 573  | ND | 120  | 75-125 |  |  |
| Carbon Ranges C12-C28        | 547  | 10.0 | "         | 573  | ND | 95.5 | 75-125 |  |  |
| Carbon Ranges C28-C35        | ND   | 10.0 | "         | 0.00 | ND |      | 75-125 |  |  |
| Total Hydrocarbons           | 1240 | 10.0 | "         | 1150 | ND | 108  | 75-125 |  |  |
| Surrogate 1-Chlorooctane     | 59.3 |      | mg/kg     | 50.0 |    | 119  | 70-130 |  |  |
| Surrogate 1-Chlorooctadecane | 56.3 |      | "         | 50.0 |    | 113  | 70-130 |  |  |

**Matrix Spike Dup (ED72701-MSD1)**

Source: 7D27002-04

Prepared: 04/27/07 Analyzed: 05/02/07

|                              |      |      |           |      |    |      |        |      |    |
|------------------------------|------|------|-----------|------|----|------|--------|------|----|
| Carbon Ranges C6-C12         | 648  | 10.0 | mg/kg dry | 573  | ND | 113  | 75-125 | 6.01 | 20 |
| Carbon Ranges C12-C28        | 511  | 10.0 | "         | 573  | ND | 89.2 | 75-125 | 6.82 | 20 |
| Carbon Ranges C28-C35        | ND   | 10.0 | "         | 0.00 | ND |      | 75-125 |      | 20 |
| Total Hydrocarbons           | 1160 | 10.0 | "         | 1150 | ND | 101  | 75-125 | 6.70 | 20 |
| Surrogate 1-Chlorooctane     | 53.8 |      | mg/kg     | 50.0 |    | 108  | 70-130 |      |    |
| Surrogate 1-Chlorooctadecane | 50.1 |      | "         | 50.0 |    | 100  | 70-130 |      |    |

**Batch ED72702 - Solvent Extraction (GC)**

**Blank (ED72702-BLK1)**

Prepared: 04/30/07 Analyzed: 05/01/07

|                              |      |      |           |      |  |      |        |  |  |
|------------------------------|------|------|-----------|------|--|------|--------|--|--|
| 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     | 36.5 |      | mg/kg     | 50.0 |  | 73.0 | 70-130 |  |  |
| Surrogate 1-Chlorooctadecane | 37.3 |      | "         | 50.0 |  | 74.6 | 70-130 |  |  |

**LCS (ED72702-BS1)**

Prepared: 04/30/07 Analyzed: 05/01/07

|                              |      |      |           |      |  |      |        |  |  |
|------------------------------|------|------|-----------|------|--|------|--------|--|--|
| Carbon Ranges C6-C12         | 614  | 10.0 | mg/kg wet | 500  |  | 123  | 75-125 |  |  |
| Carbon Ranges C12-C28        | 551  | 10.0 | "         | 500  |  | 110  | 75-125 |  |  |
| Carbon Ranges C28-C35        | ND   | 10.0 | "         | 0.00 |  |      | 75-125 |  |  |
| Total Hydrocarbons           | 1160 | 10.0 | "         | 1000 |  | 116  | 75-125 |  |  |
| Surrogate 1-Chlorooctane     | 44.3 |      | mg/kg     | 50.0 |  | 88.6 | 70-130 |  |  |
| Surrogate 1-Chlorooctadecane | 39.3 |      | "         | 50.0 |  | 78.6 | 70-130 |  |  |

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

Project: Chevron/ Brunson Argo TB #1  
Project Number 200129  
Project Manager David P. Duncan

Fax 505-394-2601

**Organics by GC - Quality Control**  
**Environmental Lab of Texas**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|

**Batch ED72702 - Solvent Extraction (GC)**

**Calibration Check (ED72702-CCV1)**

Prepared. 04/30/07 Analyzed 05/01/07

|                              |      |  |       |      |  |      |        |  |  |
|------------------------------|------|--|-------|------|--|------|--------|--|--|
| Carbon Ranges C6-C12         | 290  |  | mg/kg | 250  |  | 116  | 80-120 |  |  |
| Carbon Ranges C12-C28        | 252  |  | "     | 250  |  | 101  | 80-120 |  |  |
| Total Hydrocarbons           | 542  |  | "     | 500  |  | 108  | 80-120 |  |  |
| Surrogate 1-Chlorooctane     | 43.4 |  | "     | 50.0 |  | 86.8 | 70-130 |  |  |
| Surrogate 1-Chlorooctadecane | 40.2 |  | "     | 50.0 |  | 80.4 | 70-130 |  |  |

**Matrix Spike (ED72702-MS1)**

Source: 7D27002-24

Prepared 04/30/07 Analyzed 05/02/07

|                              |      |      |           |      |    |      |        |  |  |
|------------------------------|------|------|-----------|------|----|------|--------|--|--|
| Carbon Ranges C6-C12         | 636  | 10.0 | mg/kg dry | 560  | ND | 114  | 75-125 |  |  |
| Carbon Ranges C12-C28        | 535  | 10.0 | "         | 560  | ND | 95.5 | 75-125 |  |  |
| Carbon Ranges C28-C35        | ND   | 10.0 | "         | 0.00 | ND |      | 75-125 |  |  |
| Total Hydrocarbons           | 1170 | 10.0 | "         | 1120 | ND | 104  | 75-125 |  |  |
| Surrogate 1-Chlorooctane     | 42.7 |      | mg/kg     | 50.0 |    | 85.4 | 70-130 |  |  |
| Surrogate 1-Chlorooctadecane | 37.6 |      | "         | 50.0 |    | 75.2 | 70-130 |  |  |

**Matrix Spike Dup (ED72702-MSD1)**

Source: 7D27002-24

Prepared 04/30/07 Analyzed 05/02/07

|                              |      |      |           |      |    |      |        |      |    |
|------------------------------|------|------|-----------|------|----|------|--------|------|----|
| Carbon Ranges C6-C12         | 677  | 10.0 | mg/kg dry | 560  | ND | 121  | 75-125 | 5.96 | 20 |
| Carbon Ranges C12-C28        | 598  | 10.0 | "         | 560  | ND | 107  | 75-125 | 11.4 | 20 |
| Carbon Ranges C28-C35        | ND   | 10.0 | "         | 0.00 | ND |      | 75-125 |      | 20 |
| Total Hydrocarbons           | 1270 | 10.0 | "         | 1120 | ND | 113  | 75-125 | 8.29 | 20 |
| Surrogate 1-Chlorooctane     | 52.9 |      | mg/kg     | 50.0 |    | 106  | 70-130 |      |    |
| Surrogate 1-Chlorooctadecane | 47.1 |      | "         | 50.0 |    | 94.2 | 70-130 |      |    |

**Batch ED73006 - EPA 5030C (GC)**

**Blank (ED73006-BLK1)**

Prepared & Analyzed 04/30/07

|                                  |      |         |           |      |  |     |        |  |  |
|----------------------------------|------|---------|-----------|------|--|-----|--------|--|--|
| 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 | 52.0 |         | ug/kg     | 50.0 |  | 104 | 75-125 |  |  |
| Surrogate 4-Bromofluorobenzene   | 53.0 |         | "         | 50.0 |  | 106 | 75-125 |  |  |

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

Project Chevron/ Brunson Argo TB #1  
Project Number 200129  
Project Manager: David P. Duncan

Fax 505-394-2601

**Organics by GC - Quality Control**  
**Environmental Lab of Texas**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch ED73006 - EPA 5030C (GC)**

**LCS (ED73006-BS1)**

Prepared & Analyzed 04/30/07

|                                  |        |         |           |        |  |     |        |  |  |  |
|----------------------------------|--------|---------|-----------|--------|--|-----|--------|--|--|--|
| Benzene                          | 0.0544 | 0.00100 | mg/kg wet | 0.0500 |  | 109 | 80-120 |  |  |  |
| Toluene                          | 0.0556 | 0.00100 | "         | 0.0500 |  | 111 | 80-120 |  |  |  |
| Ethylbenzene                     | 0.0570 | 0.00100 | "         | 0.0500 |  | 114 | 80-120 |  |  |  |
| Xylene (p/m)                     | 0.107  | 0.00100 | "         | 0.100  |  | 107 | 80-120 |  |  |  |
| Xylene (o)                       | 0.0564 | 0.00100 | "         | 0.0500 |  | 113 | 80-120 |  |  |  |
| Surrogate a,a,a-Trifluorotoluene | 54.2   |         | ug/kg     | 50.0   |  | 108 | 75-125 |  |  |  |
| Surrogate 4-Bromofluorobenzene   | 55.6   |         | "         | 50.0   |  | 111 | 75-125 |  |  |  |

**Calibration Check (ED73006-CCV1)**

Prepared & Analyzed 04/30/07

|                                  |      |  |       |      |  |     |        |  |  |  |
|----------------------------------|------|--|-------|------|--|-----|--------|--|--|--|
| Benzene                          | 53.6 |  | ug/kg | 50.0 |  | 107 | 80-120 |  |  |  |
| Toluene                          | 54.7 |  | "     | 50.0 |  | 109 | 80-120 |  |  |  |
| Ethylbenzene                     | 56.0 |  | "     | 50.0 |  | 112 | 80-120 |  |  |  |
| Xylene (p/m)                     | 102  |  | "     | 100  |  | 102 | 80-120 |  |  |  |
| Xylene (o)                       | 55.9 |  | "     | 50.0 |  | 112 | 80-120 |  |  |  |
| Surrogate a,a,a-Trifluorotoluene | 53.2 |  | "     | 50.0 |  | 106 | 75-125 |  |  |  |
| Surrogate 4-Bromofluorobenzene   | 51.8 |  | "     | 50.0 |  | 104 | 75-125 |  |  |  |

**Matrix Spike (ED73006-MS1)**

Source: 7D26005-03

Prepared 04/30/07 Analyzed 05/02/07

|                                  |        |         |           |       |    |      |        |  |  |  |
|----------------------------------|--------|---------|-----------|-------|----|------|--------|--|--|--|
| Benzene                          | 0.0990 | 0.00200 | mg/kg dry | 0.107 | ND | 92.5 | 80-120 |  |  |  |
| Toluene                          | 0.0981 | 0.00200 | "         | 0.107 | ND | 91.7 | 80-120 |  |  |  |
| Ethylbenzene                     | 0.103  | 0.00200 | "         | 0.107 | ND | 96.3 | 80-120 |  |  |  |
| Xylene (p/m)                     | 0.190  | 0.00200 | "         | 0.215 | ND | 88.4 | 80-120 |  |  |  |
| Xylene (o)                       | 0.0995 | 0.00200 | "         | 0.107 | ND | 93.0 | 80-120 |  |  |  |
| Surrogate a,a,a-Trifluorotoluene | 43.8   |         | ug/kg     | 50.0  |    | 87.6 | 75-125 |  |  |  |
| Surrogate 4-Bromofluorobenzene   | 43.7   |         | "         | 50.0  |    | 87.4 | 75-125 |  |  |  |

**Matrix Spike Dup (ED73006-MSD1)**

Source: 7D26005-03

Prepared 04/30/07 Analyzed 05/02/07

|                                  |       |         |           |       |    |      |        |       |    |  |
|----------------------------------|-------|---------|-----------|-------|----|------|--------|-------|----|--|
| Benzene                          | 0.102 | 0.00200 | mg/kg dry | 0.107 | ND | 95.3 | 80-120 | 2.98  | 20 |  |
| Toluene                          | 0.102 | 0.00200 | "         | 0.107 | ND | 95.3 | 80-120 | 3.85  | 20 |  |
| Ethylbenzene                     | 0.104 | 0.00200 | "         | 0.107 | ND | 97.2 | 80-120 | 0.930 | 20 |  |
| Xylene (p/m)                     | 0.193 | 0.00200 | "         | 0.215 | ND | 89.8 | 80-120 | 1.57  | 20 |  |
| Xylene (o)                       | 0.101 | 0.00200 | "         | 0.107 | ND | 94.4 | 80-120 | 1.49  | 20 |  |
| Surrogate a,a,a-Trifluorotoluene | 46.4  |         | ug/kg     | 50.0  |    | 92.8 | 75-125 |       |    |  |
| Surrogate 4-Bromofluorobenzene   | 45.9  |         | "         | 50.0  |    | 91.8 | 75-125 |       |    |  |

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

Project: Chevron/ Brunson Argo TB #1  
Project Number 200129  
Project Manager David P Duncan

Fax 505-394-2601

**Organics by GC - Quality Control**  
**Environmental Lab of Texas**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|

**Batch ED73008 - EPA 5030C (GC)**

**Blank (ED73008-BLK1)**

Prepared: 04/30/07 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 | 52.3 |         | ug/kg     | 50.0 |  | 105  | 75-125 |  |  |
| Surrogate 4-Bromofluorobenzene   | 49.5 |         | "         | 50.0 |  | 99.0 | 75-125 |  |  |

**LCS (ED73008-BS1)**

Prepared: 04/30/07 Analyzed: 05/02/07

|                                  |        |         |           |        |  |     |        |  |  |
|----------------------------------|--------|---------|-----------|--------|--|-----|--------|--|--|
| Benzene                          | 0.0550 | 0 00100 | mg/kg wet | 0.0500 |  | 110 | 80-120 |  |  |
| Toluene                          | 0.0558 | 0 00100 | "         | 0.0500 |  | 112 | 80-120 |  |  |
| Ethylbenzene                     | 0.0562 | 0 00100 | "         | 0.0500 |  | 112 | 80-120 |  |  |
| Xylene (p/m)                     | 0.105  | 0 00100 | "         | 0.100  |  | 105 | 80-120 |  |  |
| Xylene (o)                       | 0.0559 | 0 00100 | "         | 0.0500 |  | 112 | 80-120 |  |  |
| Surrogate a,a,a-Trifluorotoluene | 56.3   |         | ug/kg     | 50.0   |  | 113 | 75-125 |  |  |
| Surrogate 4-Bromofluorobenzene   | 54.8   |         | "         | 50.0   |  | 110 | 75-125 |  |  |

**Calibration Check (ED73008-CCV1)**

Prepared: 04/30/07 Analyzed: 05/02/07

|                                  |       |  |           |       |  |      |        |  |  |
|----------------------------------|-------|--|-----------|-------|--|------|--------|--|--|
| Benzene                          | 0.103 |  | mg/kg wet | 0.100 |  | 103  | 80-120 |  |  |
| Toluene                          | 0.106 |  | "         | 0.100 |  | 106  | 80-120 |  |  |
| Ethylbenzene                     | 0.106 |  | "         | 0.100 |  | 106  | 80-120 |  |  |
| Xylene (p/m)                     | 0.200 |  | "         | 0.200 |  | 100  | 80-120 |  |  |
| Xylene (o)                       | 0.109 |  | "         | 0.100 |  | 109  | 80-120 |  |  |
| Surrogate a,a,a-Trifluorotoluene | 49.2  |  | ug/kg     | 50.0  |  | 98.4 | 75-125 |  |  |
| Surrogate 4-Bromofluorobenzene   | 50.5  |  | "         | 50.0  |  | 101  | 75-125 |  |  |

**Matrix Spike (ED73008-MS1)**

Source: 7D27002-18

Prepared: 04/30/07 Analyzed: 05/02/07

|                                  |        |         |           |       |    |      |        |  |  |
|----------------------------------|--------|---------|-----------|-------|----|------|--------|--|--|
| Benzene                          | 0.0943 | 0 00200 | mg/kg dry | 0.111 | ND | 85.0 | 80-120 |  |  |
| Toluene                          | 0.0934 | 0 00200 | "         | 0.111 | ND | 84.1 | 80-120 |  |  |
| Ethylbenzene                     | 0.0940 | 0 00200 | "         | 0.111 | ND | 84.7 | 80-120 |  |  |
| Xylene (p/m)                     | 0.179  | 0 00200 | "         | 0.223 | ND | 80.3 | 80-120 |  |  |
| Xylene (o)                       | 0.0910 | 0 00200 | "         | 0.111 | ND | 82.0 | 80-120 |  |  |
| Surrogate a,a,a-Trifluorotoluene | 37.7   |         | ug/kg     | 50.0  |    | 75.4 | 75-125 |  |  |
| Surrogate 4-Bromofluorobenzene   | 38.0   |         | "         | 50.0  |    | 76.0 | 75-125 |  |  |

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Eunice NM, 88231

Project Chevron/ Brunson Argo TB #1  
Project Number 200129  
Project Manager David P. Duncan

Fax. 505-394-2601

**Organics by GC - Quality Control**  
**Environmental Lab of Texas**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch ED73008 - EPA 5030C (GC)**

**Matrix Spike Dup (ED73008-MSD1)**

**Source: 7D27002-18**

Prepared. 04/30/07 Analyzed. 05/02/07

|                                   |        |         |           |       |    |      |        |       |    |    |
|-----------------------------------|--------|---------|-----------|-------|----|------|--------|-------|----|----|
| Benzene                           | 0.0949 | 0.00200 | mg/kg dry | 0.111 | ND | 85.5 | 80-120 | 0.587 | 20 |    |
| Toluene                           | 0.0935 | 0.00200 | "         | 0.111 | ND | 84.2 | 80-120 | 0.119 | 20 |    |
| Ethylbenzene                      | 0.0948 | 0.00200 | "         | 0.111 | ND | 85.4 | 80-120 | 0.823 | 20 |    |
| Xylene (p/m)                      | 0.177  | 0.00200 | "         | 0.223 | ND | 79.4 | 80-120 | 1.13  | 20 | M8 |
| Xylene (o)                        | 0.0903 | 0.00200 | "         | 0.111 | ND | 81.4 | 80-120 | 0.734 | 20 |    |
| Surrogate: a,a,a-Trifluorotoluene | 37.9   |         | ug/kg     | 50.0  |    | 75.8 | 75-125 |       |    |    |
| Surrogate: 4-Bromofluorobenzene   | 38.4   |         | "         | 50.0  |    | 76.8 | 75-125 |       |    |    |

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P.O. Box 1558  
Eunice NM, 88231

Project Chevron/ Brunson Argo TB #1  
Project Number. 200129  
Project Manager. David P Duncan

Fax 505-394-2601

## General Chemistry Parameters by EPA / Standard Methods - Quality Control

### Environmental Lab of Texas

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

#### Batch ED73004 - General Preparation (Prep)

##### Blank (ED73004-BLK1)

Prepared & Analyzed. 04/27/07

% Solids 100 %

##### Duplicate (ED73004-DUP1)

Source: 7D26005-01

Prepared & Analyzed 04/27/07

% Solids 97.4 % 97.0 0.412 20

##### Duplicate (ED73004-DUP2)

Source: 7D27002-16

Prepared & Analyzed. 04/27/07

% Solids 97.1 % 97.3 0.206 20

#### Batch EE70706 - General Preparation (WetChem)

##### Blank (EE70706-BLK1)

Prepared & Analyzed 05/07/07

Sulfate ND 0.500 mg/kg

Chloride ND 0.500 "

##### LCS (EE70706-BS1)

Prepared & Analyzed. 05/07/07

Sulfate 10.6 0.500 mg/kg 10.0 106 80-120

Chloride 9.95 0.500 " 10.0 99.5 80-120

##### Calibration Check (EE70706-CCV1)

Prepared & Analyzed. 05/07/07

Sulfate 11.1 mg/kg 10.0 111 80-120

Chloride 9.02 " 10.0 90.2 80-120

##### Duplicate (EE70706-DUP1)

Source: 7D27002-01

Prepared & Analyzed. 05/07/07

Sulfate 15.8 10.0 mg/kg 16.0 1.26 20

Chloride 6.77 10.0 " 6.90 1.90 20

##### Matrix Spike (EE70706-MS1)

Source: 7D27002-01

Prepared & Analyzed: 05/07/07

Sulfate 211 10.0 mg/kg 200 16.0 97.5 80-120

Chloride 216 10.0 " 200 6.90 105 80-120

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

Project Chevron/ Brunson Argo TB #1  
Project Number. 200129  
Project Manager. David P. Duncan

Fax. 505-394-2601

**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 |
|------------------------------------------------------|--------|------------------------------------------|-------|------------------------------------------|---------------|------|-------------|-------|-----------|-------|
| <b>Batch EE70706 - General Preparation (WetChem)</b> |        |                                          |       |                                          |               |      |             |       |           |       |
| <b>Matrix Spike (EE70706-MS2)</b>                    |        | <b>Source: 7D27002-11</b>                |       | <b>Prepared &amp; Analyzed 05/07/07</b>  |               |      |             |       |           |       |
| Sulfate                                              | 131    | 10.0                                     | mg/kg | 200                                      | 21.4          | 54.8 | 80-120      |       |           | QM-10 |
| Chloride                                             | 746    | 10.0                                     | "     | 200                                      | 150           | 298  | 80-120      |       |           | QM-10 |
| <b>Batch EE70708 - General Preparation (WetChem)</b> |        |                                          |       |                                          |               |      |             |       |           |       |
| <b>Blank (EE70708-BLK1)</b>                          |        | <b>Prepared &amp; Analyzed. 05/07/07</b> |       |                                          |               |      |             |       |           |       |
| Sulfate                                              | ND     | 0.500                                    | mg/kg |                                          |               |      |             |       |           |       |
| Chloride                                             | ND     | 0.500                                    | "     |                                          |               |      |             |       |           |       |
| <b>LCS (EE70708-BS1)</b>                             |        | <b>Prepared &amp; Analyzed 05/07/07</b>  |       |                                          |               |      |             |       |           |       |
| Sulfate                                              | 10.1   | 0.500                                    | mg/kg | 10.0                                     |               | 101  | 80-120      |       |           |       |
| Chloride                                             | 10.1   | 0.500                                    | "     | 10.0                                     |               | 101  | 80-120      |       |           |       |
| <b>Calibration Check (EE70708-CCV1)</b>              |        | <b>Prepared &amp; Analyzed 05/07/07</b>  |       |                                          |               |      |             |       |           |       |
| Chloride                                             | 9.20   |                                          | mg/kg | 10.0                                     |               | 92.0 | 80-120      |       |           |       |
| Sulfate                                              | 11.0   |                                          | "     | 10.0                                     |               | 110  | 80-120      |       |           |       |
| <b>Duplicate (EE70708-DUP1)</b>                      |        | <b>Source: 7D27002-21</b>                |       | <b>Prepared &amp; Analyzed. 05/07/07</b> |               |      |             |       |           |       |
| Chloride                                             | 13.6   | 10.0                                     | mg/kg |                                          | 12.7          |      |             | 6.84  | 20        |       |
| Sulfate                                              | 864    | 10.0                                     | "     |                                          | 879           |      |             | 1.72  | 20        |       |
| <b>Duplicate (EE70708-DUP2)</b>                      |        | <b>Source: 7D30017-05</b>                |       | <b>Prepared &amp; Analyzed 05/07/07</b>  |               |      |             |       |           |       |
| Chloride                                             | 5.03   | 5.00                                     | mg/kg |                                          | 5.06          |      |             | 0.595 | 20        |       |
| Sulfate                                              | 41.2   | 5.00                                     | "     |                                          | 41.4          |      |             | 0.484 | 20        |       |
| <b>Matrix Spike (EE70708-MS1)</b>                    |        | <b>Source: 7D27002-21</b>                |       | <b>Prepared &amp; Analyzed. 05/07/07</b> |               |      |             |       |           |       |
| Chloride                                             | 222    | 10.0                                     | mg/kg | 200                                      | 12.7          | 105  | 80-120      |       |           |       |
| Sulfate                                              | 1260   | 10.0                                     | "     | 200                                      | 879           | 190  | 80-120      |       |           | QM-10 |

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

Project Chevron/ Brunson Argo TB #1  
Project Number. 200129  
Project Manager David P. Duncan

Fax. 505-394-2601

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Environmental Lab of Texas**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch EE70708 - General Preparation (WetChem)**

**Matrix Spike (EE70708-MS2)**

**Source: 7D30017-05**

**Prepared & Analyzed: 05/07/07**

|          |     |      |       |     |      |      |        |  |  |  |
|----------|-----|------|-------|-----|------|------|--------|--|--|--|
| Chloride | 101 | 5.00 | mg/kg | 100 | 5.06 | 95.9 | 80-120 |  |  |  |
| Sulfate  | 138 | 5.00 | "     | 100 | 41.4 | 96.6 | 80-120 |  |  |  |

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P.O. Box 1558  
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Project Chevron/ Brunson Argo TB #1  
Project Number. 200129  
Project Manager. David P. Duncan

Fax. 505-394-2601

### 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.

M8 The MS and/or MSD were below the acceptance limits See Blank Spike (LCS).

J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag)

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

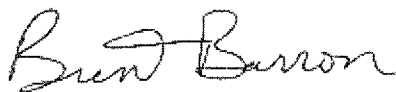
RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

5/9/2007

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

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

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Environmental Plus, Incorporated  
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Project. Chevron/ Brunson Argo TB #1  
Project Number. 200129  
Project Manager. David P. Duncan

Fax. 505-394-2601

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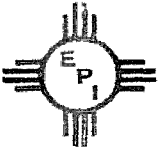


# Environmental Plus, Inc.

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

P.O. Box 1558, Eunice, NM 88231

## Chain of Custody Form

|                      |               |                               |              |                                                                                                                                                       |            |                                        |           |        |          |           |          |           |            |           |                |                                           |    |      |           |     |  |  |      |      |  |
|----------------------|---------------|-------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------|-----------|--------|----------|-----------|----------|-----------|------------|-----------|----------------|-------------------------------------------|----|------|-----------|-----|--|--|------|------|--|
| Company Name         |               | Environmental Plus, Inc.      |              | Bill To                                                                                                                                               |            | ANALYSIS REQUEST                       |           |        |          |           |          |           |            |           |                |                                           |    |      |           |     |  |  |      |      |  |
| EPI Project Manager  |               | Iain Olness                   |              |  <p>Attn: David P. Duncan<br/>PO Box 1558<br/>Eunice, NM 88231</p> |            |                                        |           |        |          |           |          |           |            |           |                |                                           |    |      |           |     |  |  |      |      |  |
| 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 #1            |              |                                                                                                                                                       |            |                                        |           |        |          |           |          |           |            |           |                |                                           |    |      |           |     |  |  |      |      |  |
| Location             |               | UL-D, Sec. 10, T 22 S, R 37 E |              |                                                                                                                                                       |            |                                        |           |        |          |           |          |           |            |           |                |                                           |    |      |           |     |  |  |      |      |  |
| Project Reference    |               | 200129                        |              |                                                                                                                                                       |            |                                        |           |        |          |           |          |           |            |           |                |                                           |    |      |           |     |  |  |      |      |  |
| EPI Sampler Name     |               | George Blackburn              |              |                                                                                                                                                       |            |                                        |           |        |          |           |          |           |            |           |                |                                           |    |      |           |     |  |  |      |      |  |
| LAB I.D.<br>11727002 | SAMPLE I.D.   | (G)RAB OR (C)OMP.             | # CONTAINERS | MATRIX                                                                                                                                                |            |                                        |           |        | PRESERV. |           | SAMPLING |           | BTEX 8021B | TPH 8015M | CHLORIDES (Cl) | SULFATES (SO <sub>4</sub> <sup>2-</sup> ) | pH | TCLP | OTHER >>> | PAH |  |  |      |      |  |
|                      |               |                               |              | GROUND WATER                                                                                                                                          | WASTEWATER | SOIL                                   | CRUDE OIL | SLUDGE | OTHER:   | ACID/BASE | ICE/COOL | OTHER     |            |           |                |                                           |    |      |           |     |  |  | DATE | TIME |  |
|                      | 1 SB-3 (2')   | X                             | 1            |                                                                                                                                                       |            | X                                      |           |        |          | X         |          | 25-Apr-07 | 12:30      | X         | X              | X                                         | X  |      |           |     |  |  |      |      |  |
|                      | 2 SB-3 (5')   | X                             | 1            |                                                                                                                                                       |            | X                                      |           |        |          | X         |          | 25-Apr-07 | 12:45      | X         | X              | X                                         | X  |      |           |     |  |  |      |      |  |
|                      | 3 SB-3 (10')  | X                             | 1            |                                                                                                                                                       |            | X                                      |           |        |          | X         |          | 25-Apr-06 | 12:50      | X         | X              | X                                         | X  |      |           |     |  |  |      |      |  |
|                      | 4 SB-3 (15')  | X                             | 1            |                                                                                                                                                       |            | X                                      |           |        |          | X         |          | 25-Apr-07 | 13:25      | X         | X              | X                                         | X  |      |           |     |  |  |      |      |  |
|                      | 5 SB-3 (20')  | X                             | 1            |                                                                                                                                                       |            | X                                      |           |        |          | X         |          | 25-Apr-07 | 14:00      | X         | X              | X                                         | X  |      |           |     |  |  |      |      |  |
|                      | 6 SB-3 (25')  | X                             | 1            |                                                                                                                                                       |            | X                                      |           |        |          | X         |          | 25-Apr-07 | 14:31      | X         | X              | X                                         | X  |      |           |     |  |  |      |      |  |
|                      | 7 SB-3 (30')  | X                             | 1            |                                                                                                                                                       |            | X                                      |           |        |          | X         |          | 25-Apr-07 | 14:45      | X         | X              | X                                         | X  |      |           |     |  |  |      |      |  |
|                      | 8 SB-4 (2')   | X                             | 1            |                                                                                                                                                       |            | X                                      |           |        |          | X         |          | 25-Apr-07 | 15:55      | X         | X              | X                                         | X  |      |           |     |  |  |      |      |  |
|                      | 9 SB-4 (5')   | X                             | 1            |                                                                                                                                                       |            | X                                      |           |        |          | X         |          | 25-Apr-07 | 16:00      | X         | X              | X                                         | X  |      |           |     |  |  |      |      |  |
|                      | 10 SB-4 (10') | X                             | 1            |                                                                                                                                                       |            | X                                      |           |        |          | X         |          | 25-Apr-07 | 16:20      | X         | X              | X                                         | X  |      |           |     |  |  |      |      |  |
| Sampler Relinquished |               | 4/27/2007                     |              | Received By:                                                                                                                                          |            | E-mail results to: dduncan@envplus.net |           |        |          |           |          |           |            |           |                |                                           |    |      |           |     |  |  |      |      |  |
| Relinquished by      |               | Time 0700                     |              | Received By: (lab staff)                                                                                                                              |            | REMARKS:                               |           |        |          |           |          |           |            |           |                |                                           |    |      |           |     |  |  |      |      |  |
| Delivered by:        |               | Date 4/27/07                  |              | Time 10:30                                                                                                                                            |            |                                        |           |        |          |           |          |           |            |           |                |                                           |    |      |           |     |  |  |      |      |  |
|                      |               | Sample Cool & Intact          |              | Checked By:                                                                                                                                           |            |                                        |           |        |          |           |          |           |            |           |                |                                           |    |      |           |     |  |  |      |      |  |
|                      |               | Yes                           |              | No                                                                                                                                                    |            |                                        |           |        |          |           |          |           |            |           |                |                                           |    |      |           |     |  |  |      |      |  |

# Environmental Plus, Inc.

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

P.O. Box 1558, Eunice, NM 88231

## Chain of Custody Form

LAB: ELT

| Company Name        |              | Environmental Plus, Inc.      |              | Bill To                                                                                                                                               |            |      |           |        |          |           |          |          |           | ANALYSIS REQUEST |           |                |                                           |    |      |           |     |  |  |      |  |  |
|---------------------|--------------|-------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------|-----------|--------|----------|-----------|----------|----------|-----------|------------------|-----------|----------------|-------------------------------------------|----|------|-----------|-----|--|--|------|--|--|
| EPI Project Manager |              | Iain Olness                   |              |  <p>Attn: David P. Duncan<br/>PO Box 1558<br/>Eunice, NM 88231</p> |            |      |           |        |          |           |          |          |           |                  |           |                |                                           |    |      |           |     |  |  |      |  |  |
| 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 #1            |              |                                                                                                                                                       |            |      |           |        |          |           |          |          |           |                  |           |                |                                           |    |      |           |     |  |  |      |  |  |
| Location            |              | UL-D, Sec. 10, T 22 S, R 37 E |              |                                                                                                                                                       |            |      |           |        |          |           |          |          |           |                  |           |                |                                           |    |      |           |     |  |  |      |  |  |
| Project Reference   |              | 200129                        |              |                                                                                                                                                       |            |      |           |        |          |           |          |          |           |                  |           |                |                                           |    |      |           |     |  |  |      |  |  |
| EPI Sampler Name    |              | George Blackburn              |              |                                                                                                                                                       |            |      |           |        |          |           |          |          |           |                  |           |                |                                           |    |      |           |     |  |  |      |  |  |
| LAB I.D.            | SAMPLE I.D.  | (G)RAB OR (C)OMP.             | # CONTAINERS | MATRIX                                                                                                                                                |            |      |           |        | PRESERV. |           |          | SAMPLING |           | BTX 8021B        | TPH 8015M | CHLORIDES (Cl) | SULFATES (SO <sub>4</sub> <sup>2-</sup> ) | pH | TCLP | OTHER >>> | PAH |  |  |      |  |  |
|                     |              |                               |              | GROUND WATER                                                                                                                                          | WASTEWATER | SOIL | CRUDE OIL | SLUDGE | OTHER:   | ACID/BASE | ICE/COOL | OTHER    | DATE      |                  |           |                |                                           |    |      |           |     |  |  | TIME |  |  |
| 1027002             |              |                               |              |                                                                                                                                                       |            |      |           |        |          |           |          |          |           |                  |           |                |                                           |    |      |           |     |  |  |      |  |  |
| -10-20              | 1 SB-4 (15') | X                             | 1            |                                                                                                                                                       |            | X    |           |        |          | X         |          |          | 25-Apr-07 | 14:40            | X         | X              | X                                         | X  |      |           |     |  |  |      |  |  |
| -22-21              | 2 SB-5 (2')  | X                             | 1            |                                                                                                                                                       |            | X    |           |        |          | X         |          |          | 25-Apr-07 | 17:00            | X         | X              | X                                         | X  |      |           |     |  |  |      |  |  |
| -23-12              | 3 SB-5 (5')  | X                             | 1            |                                                                                                                                                       |            | X    |           |        |          | X         |          |          | 25-Apr-06 | 15:10            | X         | X              | X                                         | X  |      |           |     |  |  |      |  |  |
| -24-23              | 4 SB-5 (10') | X                             | 1            |                                                                                                                                                       |            | X    |           |        |          | X         |          |          | 25-Apr-07 | 18:30            | X         | X              | X                                         | X  |      |           |     |  |  |      |  |  |
| -25-24              | 5 SB-5 (15') | X                             | 1            |                                                                                                                                                       |            | X    |           |        |          | X         |          |          | 26-Apr-07 | 8:20             | X         | X              | X                                         | X  |      |           |     |  |  |      |  |  |
| -26-25              | 6 SB-6 (2')  | X                             | 1            |                                                                                                                                                       |            | X    |           |        |          | X         |          |          | 26-Apr-07 | 8:55             | X         | X              | X                                         | X  |      |           |     |  |  |      |  |  |
| -27-26              | 7 SB-6 (5')  | X                             | 1            |                                                                                                                                                       |            | X    |           |        |          | X         |          |          | 26-Apr-07 | 9:05             | X         | X              | X                                         | X  |      |           |     |  |  |      |  |  |
| -28-27              | 8 SB-6 (10') | X                             | 1            |                                                                                                                                                       |            | X    |           |        |          | X         |          |          | 26-Apr-07 | 9:45             | X         | X              | X                                         | X  |      |           |     |  |  |      |  |  |
| 9                   |              |                               |              |                                                                                                                                                       |            |      |           |        |          |           |          |          |           |                  |           |                |                                           |    |      |           |     |  |  |      |  |  |
| 10                  |              |                               |              |                                                                                                                                                       |            |      |           |        |          |           |          |          |           |                  |           |                |                                           |    |      |           |     |  |  |      |  |  |

|                       |  |                      |  |                          |  |                                        |  |
|-----------------------|--|----------------------|--|--------------------------|--|----------------------------------------|--|
| Sampler Relinquished: |  | 4/27/2007            |  | Received By:             |  | E-mail results to: dduncan@envplus.net |  |
| George Blackburn      |  | Time 0700            |  | Jana Boone               |  | REMARKS:                               |  |
| Relinquished by:      |  | Date: 4/27/07        |  | Received By: (lab staff) |  |                                        |  |
| Jana Boone            |  | Time: 10:30          |  |                          |  |                                        |  |
| Delivered by:         |  | Sample Cool & Intact |  | Checked By:              |  |                                        |  |
|                       |  | Yes No               |  |                          |  |                                        |  |

# Environmental Lab of Texas

## Variance/ Corrective Action Report- Sample Log-In

Client: Environmental Plus  
 Date/ Time: 4/27/07 10:30  
 Lab ID #: 1027002  
 Initials: us

### Sample Receipt Checklist

Client Initials

|     |                                                        |            |    |                          |  |
|-----|--------------------------------------------------------|------------|----|--------------------------|--|
| #1  | Temperature of container/ cooler?                      | Yes        | No | 1.0 °C                   |  |
| #2  | Shipping container in good condition?                  | <u>Yes</u> | No |                          |  |
| #3  | Custody Seals intact on shipping container/ cooler?    | Yes        | No | <u>Not Present</u>       |  |
| #4  | Custody Seals intact on sample bottles/ container?     | Yes        | No | <u>Not Present</u>       |  |
| #5  | Chain of Custody present?                              | <u>Yes</u> | No |                          |  |
| #6  | Sample instructions complete of Chain of Custody?      | <u>Yes</u> | No |                          |  |
| #7  | Chain of Custody signed when relinquished/ received?   | <u>Yes</u> | No |                          |  |
| #8  | Chain of Custody agrees with sample label(s)?          | <u>Yes</u> | No | ID written on Cont./ Lid |  |
| #9  | Container label(s) legible and intact?                 | <u>Yes</u> | No | Not Applicable           |  |
| #10 | Sample matrix/ properties agree with Chain of Custody? | <u>Yes</u> | No |                          |  |
| #11 | Containers supplied by ELLOT?                          | <u>Yes</u> | No |                          |  |
| #12 | Samples in proper container/ bottle?                   | <u>Yes</u> | No | See Below                |  |
| #13 | Samples properly preserved?                            | <u>Yes</u> | No | See Below                |  |
| #14 | Sample bottles intact?                                 | <u>Yes</u> | No |                          |  |
| #15 | Preservations documented on Chain of Custody?          | <u>Yes</u> | No |                          |  |
| #16 | Containers documented on Chain of Custody?             | <u>Yes</u> | No |                          |  |
| #17 | Sufficient sample amount for indicated test(s)?        | <u>Yes</u> | No | See Below                |  |
| #18 | All samples received within sufficient hold time?      | <u>Yes</u> | No | See Below                |  |
| #19 | Subcontract of sample(s)?                              | Yes        | No | <u>Not Applicable</u>    |  |
| #20 | VOC samples have zero headspace?                       | <u>Yes</u> | 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

**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: 200129

Project Name: Chevron - Brunson Argo Tank Battery #1

Location: UL-B, Section 9, Township 22 South, Range 37 East

Boring Number: SB1-1

Surface Elevation: 3,408-feet amsl

| Time | Sample Type | Recovery (inches) | Moisture | PID Readings (ppm) | Chloride Analysis (mg/Kg) | U.S.C.S. Symbol | Depth (feet) | Start Date: 4-25-07 Time: 0630 hrs | Completion Date: 4-25-07 Time: 1000 hrs | Description                     |
|------|-------------|-------------------|----------|--------------------|---------------------------|-----------------|--------------|------------------------------------|-----------------------------------------|---------------------------------|
| 0715 | DC          |                   | moist    | 2,400              | 320                       |                 |              |                                    |                                         | 2' TOPSOIL, oily, moist         |
| 0723 | SP          | 8                 | moist    | 2,000              | 320                       |                 | 5            |                                    |                                         | 5' TOPSOIL, oily, moist         |
| 0758 | SP          | 6                 | no       | 39.1               | 320                       |                 | 10           |                                    |                                         | 10' SAND/Clay                   |
| 0835 | SP          | 4                 | no       | 36.7               | 240                       |                 | 15           |                                    |                                         | 15' CALICHE, little hard, rocky |
| 0929 | SP          | 4                 | no       | 4.9                | 160                       |                 | 20           |                                    |                                         | 20' CALICHE, little hard, rocky |
|      |             |                   |          |                    |                           |                 |              |                                    |                                         | End of Soil Boring at 21' bgs   |
|      |             |                   |          |                    |                           |                 | 25           |                                    |                                         |                                 |
|      |             |                   |          |                    |                           |                 | 30           |                                    |                                         |                                 |

| Water Level Measurements (feet) |      |              |              |               |             | Drilling Method: Auger     |
|---------------------------------|------|--------------|--------------|---------------|-------------|----------------------------|
| Date                            | Time | Sample Depth | Casing Depth | Cave-In Depth | Water Level | 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: 200129

Project Name: Chevron - Brunson Argo Tank Battery #1

Location: UL-B, Section 9, Township 22 South, Range 37 East

Boring Number: SB1-3

Surface Elevation: 3,408-feet amsl

| Time                            | Sample Type | Recovery (inches) | Moisture     | PID Readings (ppm) | Chloride Analysis (mg/kg) | U.S.C.S. Symbol | Depth (feet) | Start Date: 4-25-07 Time: 1225 hrs | Completion Date: 4-25-07 Time: 1545 hrs | Description                   |
|---------------------------------|-------------|-------------------|--------------|--------------------|---------------------------|-----------------|--------------|------------------------------------|-----------------------------------------|-------------------------------|
| 1230                            | DC          |                   | moist        | 14.4               | 800                       |                 |              |                                    |                                         | 2' TOPSOIL, Reddish           |
| 1225                            | SP          |                   | dry          | 40.2               | 800                       |                 | 5            |                                    |                                         | 5' CALICHE                    |
| 1250                            | SP          |                   | dry          | 25                 | 720                       |                 | 10           |                                    |                                         | 10' CALICHE                   |
| 1325                            | SP          |                   | dry          | 36                 | 440                       |                 | 15           |                                    |                                         | 15' CALICHE                   |
| 1400                            | SP          |                   | dry          | 40                 | 320                       |                 | 20           |                                    |                                         | 20' CALICHE                   |
| 1431                            | SP          |                   | dry          | 34                 | 240                       |                 | 25           |                                    |                                         | 25' CALICHE                   |
| 1525                            | SP          |                   | dry          | 30                 | 240                       |                 | 30           |                                    |                                         | 30' CALICHE/Sandstone         |
|                                 |             |                   |              |                    |                           |                 |              |                                    |                                         | End of Soil Boring at 31' bgs |
| Water Level Measurements (feet) |             |                   |              |                    |                           |                 |              | Drilling Method: Auger             |                                         |                               |
| Date                            | Time        | Sample Depth      | Casing Depth | Cave-in Depth      | Water Level               |                 |              | 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: 200129

Project Name: Chevron - Brunson Argo Tank Battery #1

Location: UL-B, Section 9, Township 22 South, Range 37 East

Boring Number: SB1-4

Surface Elevation: 3,408-feet amsl

| Time | Sample Type | Recovery (Inches) | Moisture | PID Readings (ppm) | Chloride Analysis (mg/Kg) | U.S.C.S. Symbol | Depth (feet) | Start Date: 4-25-07 Time: 1530 hrs | Completion Date: 4-25-07 Time: 1648 hrs | Description                   |
|------|-------------|-------------------|----------|--------------------|---------------------------|-----------------|--------------|------------------------------------|-----------------------------------------|-------------------------------|
| 1555 | DC          |                   | moist    | 25                 | 240                       |                 |              |                                    |                                         | 2' TOPSOIL/Clay               |
| 1600 | SP          |                   | moist    | 24                 | 240                       |                 | 5            |                                    |                                         | 5' TOPSOIL/Clay               |
| 1620 | SP          |                   | dry      | 40                 | 240                       |                 | 10           |                                    |                                         | 10' CALICHE                   |
| 1640 | SP          |                   | dry      | 40                 | 240                       |                 | 15           |                                    |                                         | 15' CALICHE                   |
|      |             |                   |          |                    |                           |                 |              |                                    |                                         | End of Soll Boring at 16' bgs |
|      |             |                   |          |                    |                           |                 | 20           |                                    |                                         |                               |
|      |             |                   |          |                    |                           |                 | 25           |                                    |                                         |                               |
|      |             |                   |          |                    |                           |                 | 30           |                                    |                                         |                               |

| Water Level Measurements (feet) |      |              |              |               |             | Drilling Method: Auger     |
|---------------------------------|------|--------------|--------------|---------------|-------------|----------------------------|
| Date                            | Time | Sample Depth | Casing Depth | Cave-In Depth | Water Level | 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: 200129

Project Name: Chevron - Brunson Argo Tank Battery #1

Location: UL-B, Section 9, Township 22 South, Range 37 East

Boring Number: SB1-5

Surface Elevation: 3,408-feet amsl

| Time | Sample Type | Recovery (Inches) | Moisture | PID Readings (ppm) | Chloride Analysis (mg/kg) | U.S.C.S. Symbol | Depth (feet) | Start Date: 4-25-07 Time: 1655 hrs<br>Completion Date: 4-26-07 Time: 0840 hrs<br>Description |
|------|-------------|-------------------|----------|--------------------|---------------------------|-----------------|--------------|----------------------------------------------------------------------------------------------|
| 1700 | DC          |                   | moist    | 357                | 160                       |                 |              | 2' SAND, very oily                                                                           |
| 1710 | SP          |                   | moist    | 170                | 160                       |                 | 5            | 5' CALICHE, Gray                                                                             |
| 1830 | SP          |                   | dry      | 130                | 160                       |                 | 10           | 10' SAND, Red                                                                                |
| 0820 | SP          |                   | dry      |                    | 160                       |                 | 15           | 15' SAND, Red                                                                                |
|      |             |                   |          |                    |                           |                 |              | End of Soil Boring at 16' bgs                                                                |
|      |             |                   |          |                    |                           |                 | 20           |                                                                                              |
|      |             |                   |          |                    |                           |                 | 25           |                                                                                              |
|      |             |                   |          |                    |                           |                 | 30           |                                                                                              |

| Water Level Measurements (feet) |      |              |              |               |             | Drilling Method: Auger     |
|---------------------------------|------|--------------|--------------|---------------|-------------|----------------------------|
| Date                            | Time | Sample Depth | Casing Depth | Cave-In Depth | Water Level | Backfill Method: Bentonite |
| -                               | -    | -            | -            | -             | -           |                            |
| -                               | -    | -            | -            | -             | -           | Field Representative: GB   |



**ATTACHMENT IV**

**INFORMATION AND METRICS FORM**

**INITIAL NMOCD FORM C-141**

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| <b>Incident Date:</b><br>Historical | <b>NMOCD Notified:</b><br>Historical |
|-------------------------------------|--------------------------------------|

# Information and Metrics

|                                                                                                                                                                         |         |                                                                                             |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------|-----------|
| <b>Site:</b> Brunson Argo Tank Battery #1                                                                                                                               |         | <b>Assigned Site Reference :</b> EPI Reference #200129                                      |           |
| <b>Company:</b> Chevron North America – Exploration and Production Company                                                                                              |         |                                                                                             |           |
| <b>Street Address:</b> 2401 Avenue O                                                                                                                                    |         |                                                                                             |           |
| <b>Mailing Address:</b> P.O. Box 1949                                                                                                                                   |         |                                                                                             |           |
| <b>City, State, Zip:</b> Eunice, New Mexico 88231                                                                                                                       |         |                                                                                             |           |
| <b>Representative:</b> Bill A. Anderson                                                                                                                                 |         |                                                                                             |           |
| <b>Representative Telephone:</b> (505) 394-1237 (office)                                                                                                                |         |                                                                                             |           |
| <b>Telephone:</b> (505) 441-5438 (cellular)                                                                                                                             |         |                                                                                             |           |
| <b>Fluid volume released (bbls):</b> Historical                                                                                                                         |         | <b>Recovered (bbls):</b> Historical                                                         |           |
| <b>&gt;25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days.</b><br><b>(Also applies to unauthorized releases &gt;500 mcf Natural Gas)</b> |         |                                                                                             |           |
| <b>5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)</b>                                                    |         |                                                                                             |           |
| <b>Leak, Spill, or Pit (LSP) Name:</b> Brunson Argo Tank Battery #1                                                                                                     |         |                                                                                             |           |
| <b>Source of contamination:</b> Historical spills from decommissioned Tank Battery                                                                                      |         |                                                                                             |           |
| <b>Land Owner, i.e., BLM, ST, Fee, Other:</b> Priscilla Brunson Moody (c/o Charles James Moody)                                                                         |         |                                                                                             |           |
| <b>LSP Dimensions:</b> ~ 142 feet by 51.4 feet                                                                                                                          |         |                                                                                             |           |
| <b>LSP Area:</b> ~7,300 ft <sup>2</sup>                                                                                                                                 |         |                                                                                             |           |
| <b>Location of Reference Point (RP):</b>                                                                                                                                |         |                                                                                             |           |
| <b>Location distance and direction from RP:</b>                                                                                                                         |         |                                                                                             |           |
| <b>Latitude:</b> N 32° 24' 36.41"                                                                                                                                       |         |                                                                                             |           |
| <b>Longitude:</b> W 103° 09' 31.39"                                                                                                                                     |         |                                                                                             |           |
| <b>Elevation above mean sea level:</b> 3,408feet                                                                                                                        |         |                                                                                             |           |
| <b>Feet from South Section Line:</b>                                                                                                                                    |         |                                                                                             |           |
| <b>Feet from East Section Line:</b>                                                                                                                                     |         |                                                                                             |           |
| <b>Location- Unit or ¼:</b> NW¼ of the NW¼                                                                                                                              |         | <b>Unit Letter:</b> D                                                                       |           |
| <b>Location- Section:</b> 10                                                                                                                                            |         |                                                                                             |           |
| <b>Location- Township:</b> 22 South                                                                                                                                     |         |                                                                                             |           |
| <b>Location- Range:</b> 37 East                                                                                                                                         |         |                                                                                             |           |
| <b>Surface water body within 1000 ' radius of site:</b> none                                                                                                            |         |                                                                                             |           |
| <b>Domestic water wells within 1000' radius of site:</b> one (1) (USGS #5)                                                                                              |         |                                                                                             |           |
| <b>Agricultural water wells within 1000' radius of site:</b> none                                                                                                       |         |                                                                                             |           |
| <b>Public water supply wells within 1000' radius of site:</b> none                                                                                                      |         |                                                                                             |           |
| <b>Depth from land surface to groundwater (DG):</b> ~ 66 feet                                                                                                           |         |                                                                                             |           |
| <b>Depth of contamination (DC):</b> unknown                                                                                                                             |         |                                                                                             |           |
| <b>Depth to groundwater (DG – DC = DtGW):</b> unknown                                                                                                                   |         |                                                                                             |           |
| <b>1. Groundwater</b>                                                                                                                                                   |         | <b>2. Wellhead Protection Area</b>                                                          |           |
| If Depth to GW <50 feet: <i>20 points</i>                                                                                                                               |         | If <1000' from water source, or; <200' from private domestic water source: <i>20 points</i> |           |
| If Depth to GW 50 to 99 feet: <i>10 points</i>                                                                                                                          |         | If >1000' from water source, or; >200' from private domestic water source: <i>0 points</i>  |           |
| If Depth to GW >100 feet: <i>0 points</i>                                                                                                                               |         |                                                                                             |           |
| <b>3. Distance to Surface Water Body</b>                                                                                                                                |         |                                                                                             |           |
| <200 horizontal feet: <i>20 points</i>                                                                                                                                  |         |                                                                                             |           |
| 200-1000 horizontal feet: <i>10 points</i>                                                                                                                              |         |                                                                                             |           |
| >1000 horizontal feet: <i>0 points</i>                                                                                                                                  |         |                                                                                             |           |
| <b>Site Ranking (1+2+3) = 10+20+0=30</b>                                                                                                                                |         |                                                                                             |           |
| <b>Total Site Ranking Score and Acceptable Concentrations</b>                                                                                                           |         |                                                                                             |           |
| Parameter                                                                                                                                                               | >19     | 10-19                                                                                       | 0-9       |
| Benzene <sup>1</sup>                                                                                                                                                    | 10 ppm  | 10 ppm                                                                                      | 10 ppm    |
| BTEX <sup>1</sup>                                                                                                                                                       | 50 ppm  | 50 ppm                                                                                      | 50 ppm    |
| TPH                                                                                                                                                                     | 100 ppm | 1,000 ppm                                                                                   | 5,000 ppm |
| <sup>1</sup> 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 #1 | Facility Type: Decommissioned Tank Battery |

|                                                                        |                |          |
|------------------------------------------------------------------------|----------------|----------|
| Surface Owner: Ms. Patricia Brunson<br>Moody (c/o Charles James Moody) | Mineral Owner: | API No.: |
|------------------------------------------------------------------------|----------------|----------|

LOCATION OF RELEASE

|                  |               |                 |              |               |                  |               |                |               |
|------------------|---------------|-----------------|--------------|---------------|------------------|---------------|----------------|---------------|
| Unit Letter<br>D | Section<br>10 | Township<br>22S | Range<br>37E | Feet from the | North/South Line | Feet from the | East/West Line | County<br>Lea |
|------------------|---------------|-----------------|--------------|---------------|------------------|---------------|----------------|---------------|

Latitude: N32° 24' 36.41" Longitude: W103° 09' 31.39"

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?<br><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom?<br>N/A                                     |                                 |
| By Whom?                                                                                                                                 | Date and Hour: N/A                                          |                                 |
| Was a Watercourse Reached?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                        | If YES, Volume Impacting the Watercourse:<br>Not Applicable |                                 |

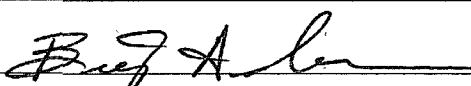
If a Watercourse was Impacted, Describe Fully.\* Not Applicable

Depth to Groundwater: ~ 66 feet

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

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

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

|                                                                                                |                                  |                                   |
|------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------|
| Signature:  | OIL CONSERVATION DIVISION        |                                   |
| Printed Name: Bill A. Anderson                                                                 | Approved by District Supervisor: |                                   |
| Title: HES Champion                                                                            | Approval Date:                   | Expiration Date:                  |
| E-mail Address: BillyAnderson@chevron.com                                                      | Conditions of Approval:          | Attached <input type="checkbox"/> |
| Date: 4/25/07                                                                                  | Phone: (505) 394-1237            |                                   |

\* Attach Additional Sheets If Necessary