State of New Mexico Oil Conservation Division

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

Incident ID	nPAC0715139578
District RP	1RP-1304
Facility ID	
Application ID	

Closure

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

 A scaled site and sampling diagram as described in 19.15.2 ✓ Photographs of the remediated site prior to backfill or photomust be notified 2 days prior to liner inspection). ✓ Laboratory analyses of final sampling (Note: appropriate O ✓ Description of remediation activities 	tos of the liner integrit	
I hereby certify that the information given above is true and compand regulations all operators are required to report and/or file cermay endanger public health or the environment. The acceptance should their operations have failed to adequately investigate and human health or the environment. In addition, OCD acceptance compliance with any other federal, state, or local laws and/or regrestore, reclaim, and re-vegetate the impacted surface area to the accordance with 19.15.29.13 NMAC including notification to the	tain release notification of a C-141 report by the remediate contamination of a C-141 report does ulations. The responsiconditions that existed the OCD when reclamation of a C-141 report does ulations.	ns and perform corrective actions for releases which he OCD does not relieve the operator of liability on that pose a threat to groundwater, surface water, anot relieve the operator of responsibility for ible party acknowledges they must substantially diprior to the release or their final land use in ion and re-vegetation are complete.
Printed Name: Amy Barnhill	Title: Waste and W	Vater Specialist
Signature: Blue	Date: <u>9-26-19</u>	
email: ABarnhill@chevron.com	Telephone: <u>432-68</u>	37-7108
OCD Only		
Received by:	Date:	
Closure approval by the OCD does not relieve the responsible parternediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws are	ce water, human health nd/or regulations.	
Closure Approved by Bradford Billings	Date:	
Printed Name: Bradford Billings	Title:	Envi.Spec.A

CLOSURE REPORT

BRUNSON ARGO TANK BATTERY #6

NMOCD REF. #1RP1304 EPI REF: 200131

UL-F (SE¼ of the NW¼) of Section 10, T22S, R37E
~6 MILES SOUTHEAST OF LOVINGTON
LEA COUNTY, NEW MEXICO

LATITUDE: N 32° 24' 32.09" LONGITUDE: W 103° 09' 13.11"

JANUARY 2008

PREPARED BY:

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

PREPARED FOR:



MENTAL

ENVIRONMENTAL PLUS, INC.

CONSULTING AND REMEDIAL CONSTRUCTION

11 January 2008

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

RE: Final Closure Report

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

Dear Mr. Johnson:

Environmental Plus, Inc., (EPI) on behalf of Chevron USA, submits the following Final Closure Report to supplement Remediation Proposal submitted July 31, 2007.

Activities were initiated to bring the impacted area into conformance with NMOCD requirements. For clarity and cross reference elimination purposes, the following Letter Remediation Closure Report offers Site Background history, Site Delineation, Remediation Activities and Conclusion.

Site Background

The Site is located in UL-F (SE ¼ of the NW ¼) of Section 10, T22S, R37E at an elevation of approximately 3,405 feet above mean sea level (amsl). The property is owned by the Priscilla Brunson Moody Estate (c/o Mr. Charles James Moody). A search for water wells was completed utilizing the New Mexico Office of the State Engineers website and a database maintained by the United States Geological Survey (USGS). One (1) well (USGS #1) exist within a 1,000 feet radius of the release site. No surface water exists within a 1,000-foot radius of the release area (reference *Figure 2*). Groundwater data taken from domestic and USGS water wells within a one (1) mile radius indicates an average water depth of approximately sixty-six (66) feet below ground surface (bgs). Based on available information, it was determined the distance between impacted soil and groundwater is approximately forty-one (41) feet bgs. 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 Ground Water Standards of 250 mg/L

P.O. Box 1558

2100 AVENUE O

EUNICE, NEW MEXICO 88231



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

The site was divided into two (2) separate excavations with Excavation I containing the northerly sector and Excavation II the southerly sector. Excavation limits extended approximately 7,284-ft² in Excavation I and 471-ft² in Excavation II (reference *Figure?* for locations).

From December 5 to December 18, 2007 soil samples were collected from the bottom and sidewalls of Excavations I and II and submitted to an independent laboratory for analyses.

Excavation I:

Northerly Sector:

Analytical data confirmed TPH concentrations were non detectable (ND) at or above laboratory analytical method detection limits (MDL) for all soil samples. Chloride concentrations ranged from 64 mg/Kg [BH-5 (NE) @ 5-ft bgs] to 976 mg/Kg [BH-2 (NE) @ 5-ft bgs] in the bottom, <16 mg/Kg (NSW-1 @ 1-ft bgs) to 528 mg/Kg (NSW-2 @ 4-ft bgs) in the north sidewall, <16 mg/Kg (SSW-1 @ 3-ft bgs) to 432 mg/Kg (SSW-3A @ 3-ft bgs) in the south sidewall, <16.0 (ESW-2 @ 3-ft bgs) to 656 mg/kg (ESW-1 @ 3-ft bgs) in the east sidewall and <16.0 (WSW-3 @ 4-ft bgs) to 400 mg/Kg (WSW-2B @ 3-ft bgs) in the west sidewall.

Excavation II:

Southerly Sector:

Analytical data confirmed TPH concentrations were non detectable (ND) at or above laboratory analytical method detection limits (MDL) for all soil samples. Chloride concentrations ranged from 384 mg/Kg [BH-1 (SE) @ 5-ft bgs] to 672 mg/Kg [BH-1B (SE) @ 8-ft bgs] in the bottom, 128 mg/Kg (NSW-1 @ 3-ft bgs) in the north sidewall, 1,010 mg/Kg (SSW-1 @ 3-ft bgs) in the south sidewall, 848 mg/Kg (ESW-1 @ 3-ft bgs) in the east sidewall and 160 mg/Kg (WSW-1 @ 3-ft bgs).

B. Remediation Activities – From December 3 to December 18, 2007 approximately 3,556 yds³ of impacted soil were excavated from a combined surface area of 7,284-ft² at depths ranging from 1- to 8-ft bgs. Caliche from the production well and tank battery pad was excavated to existing ground surface (~3.5-ft bgs). Impacted soil was transported to Sundance Services Inc., located in Eunice, New Mexico, for disposal. Excavation I was excavated to a depth of ±7-ft bgs and Excavation II to a



depth of ±8-ft bgs. Although chloride impacted soil above remedial threshold goals exist in the bottom and sidewalls of the excavations, removal of additional impacted soil may not be performance or cost effective. In Excavation I, the easterly sidewall contains impacted soil greater than remedial threshold goals. However, the east sidewall abuts the existing caliche production pad and is considered an integral part of it. Remediation will be addressed whenever the production well is plugged/abandoned and the caliche pad reclaimed. Similarly, the east and south sidewalls in Excavation II have chloride concentration above remedial threshold goals. However, the west sidewall abuts against an existing pipeline and the south sidewall against a meter run. Upon completion of excavation activities, the bottom of both excavations was A 20mil polyethylene liner sandwiched between one-foot layers of cushion material was installed across the bottom of Excavation I and Excavation II. The remainder of Excavations I was backfilled with clean topsoil (~2,078 yds³) to original ground surface. The west side of the production well pad was backfilled with clean caliche (~582 yds³) and sloped (3:1) to prevent erosion of caliche material onto the remedial area. Disturbed areas were contoured to allow natural drainage.

- C. **Conclusion** A review of *Table 2* Soil Boring Soil Sample Field Analyses and Laboratory Analytical Results indicates residual chloride concentrations in soils to 25-ft bgs may pose risks to local groundwater. However, these risks are considered manageable for the following reasons:
 - 1. Vertical distance between groundwater (~66-ft bgs) and the lowest point of known chloride impacted soil (~25-ft bgs) is approximately 41 feet. With chloride impacts confined to one general area, natural attenuation will deplete concentrations significantly during migration. Hence, in-situ chloride residuals should not be capable of impacting groundwater above NMWQCC Ground Water Standards of 250 mg/L.
 - 2. Vertical migration of in-situ chloride residual concentrations have been impeded with installation of a 20-mil polyethylene liner across the bottom of Excavations I and Excavation II.

Based on information presented within this report, Environmental Plus, Inc., on behalf of Chevron USA, request the NMOCD require no further action at this site and issue Chevron USA a *Site Closure Letter*.

Please address questions, concerns and/or needs for additional technical information to David P. Duncan at (575) 394-3481 or via e-mail at dduncan@envplus.net. Official communications should be addressed to Mr. Billy A. Anderson, Chevron USA, at (575) 394-1237 (office), (575) 441-5438 (mobile) or via e-mail at BillyAnderson@chevron.com with correspondence addressed to:

Mr. Billy A. Anderson HES Champion MidContinent SBU



Chevron North America
Exploration and Production Company
2401 Avenue O
P.O. Box 1949
Eunice, New Mexico 88231

Sincerely,

Brandon Farrar Environmental Consultant

Cc: Billy A. Anderson, HES 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 - ?

Table 1 – Well Data

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

Table 3 -

Attachment I – Site Photographs

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

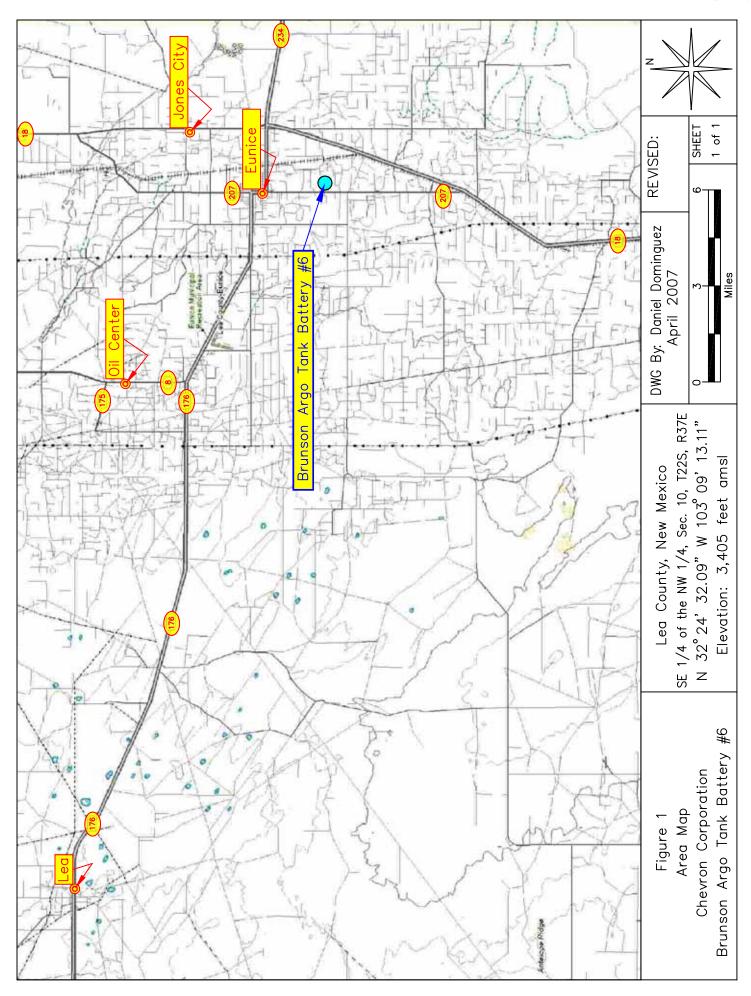
Attachment III – Soil Boring Logs

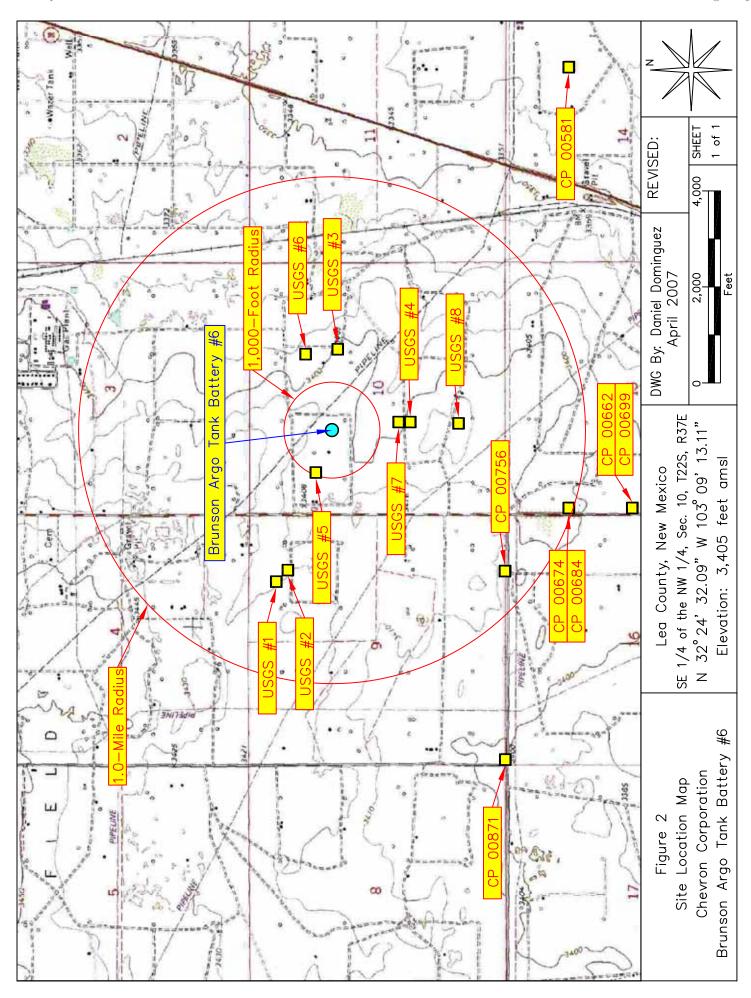
Attachment IV – Information and Metrics

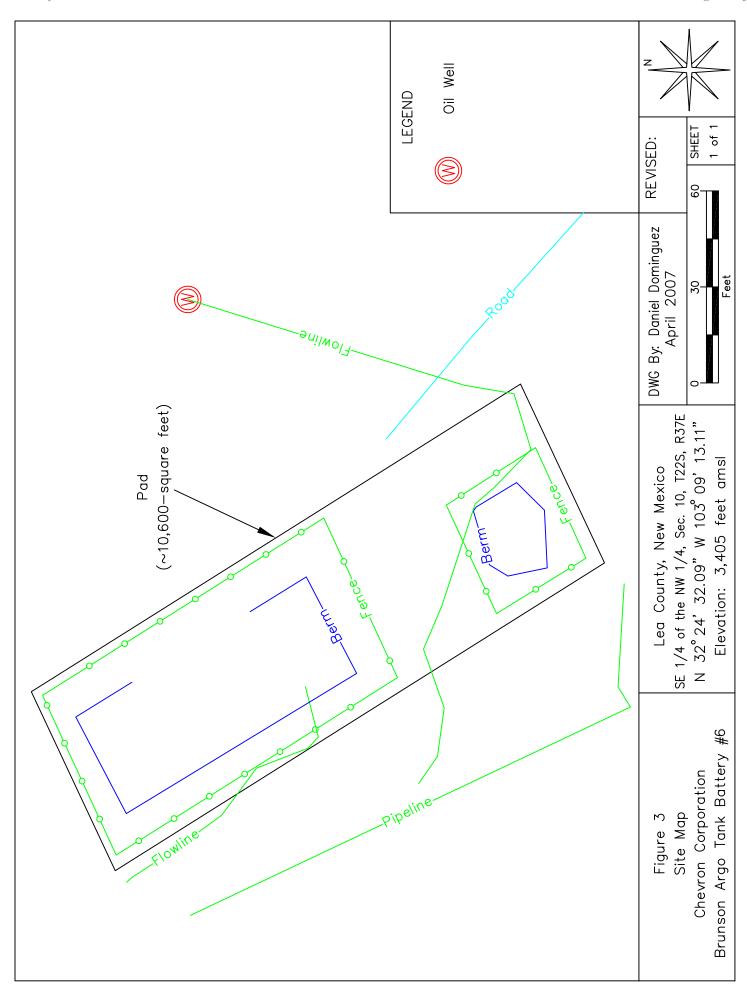
Copy of Initial NMOCD Form C-144

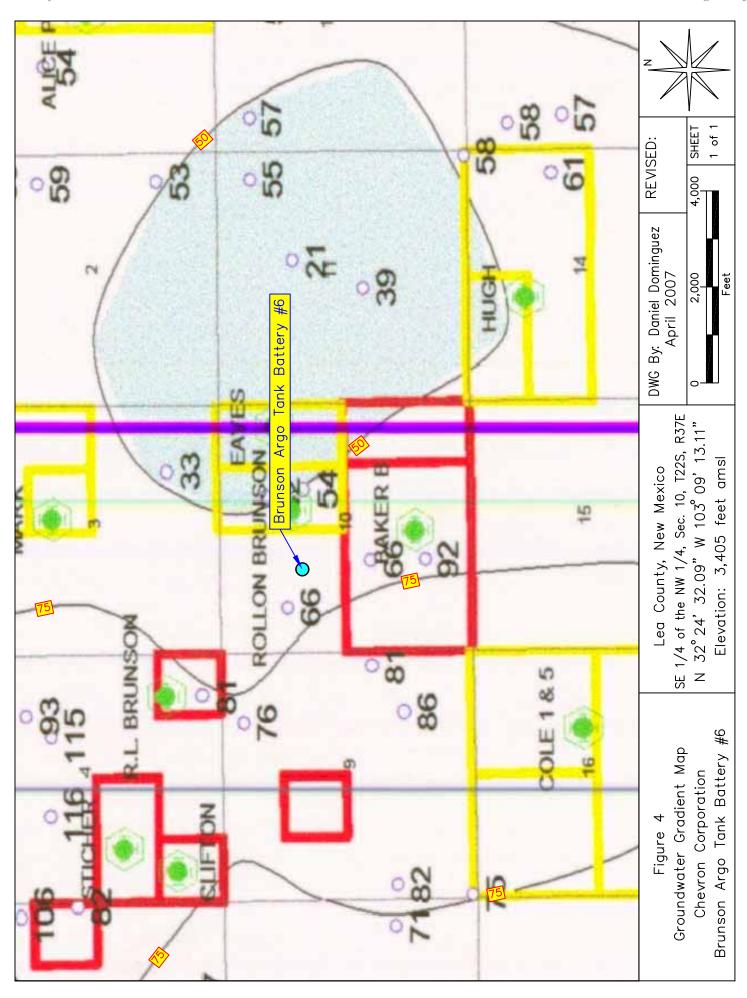
Final NMOCD Form C-144

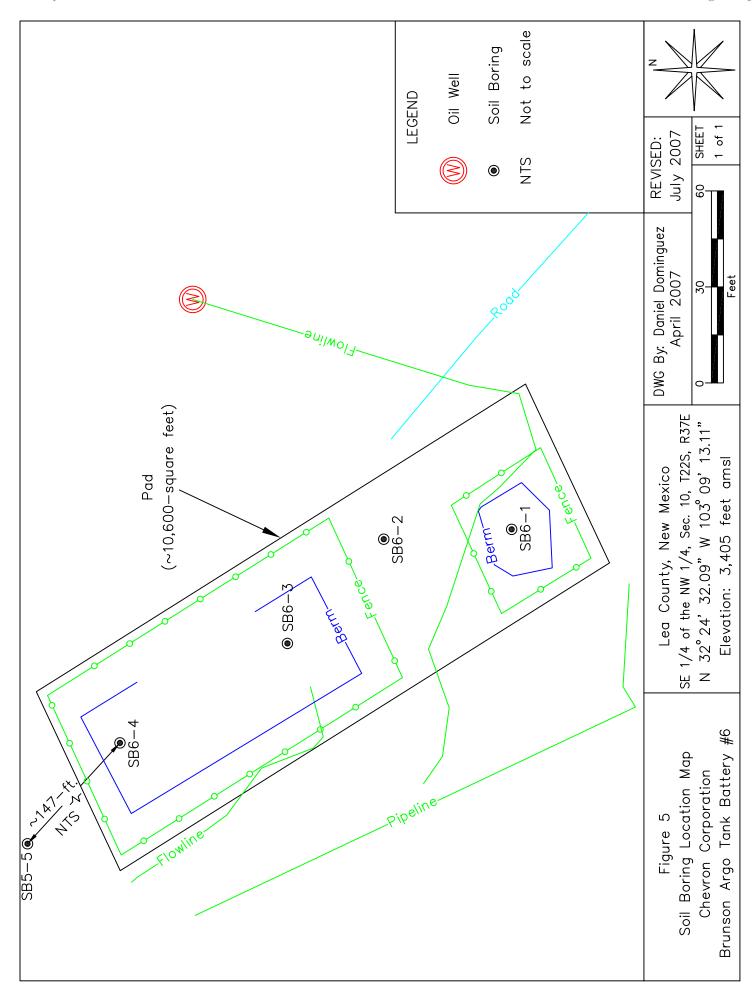
FIGURES

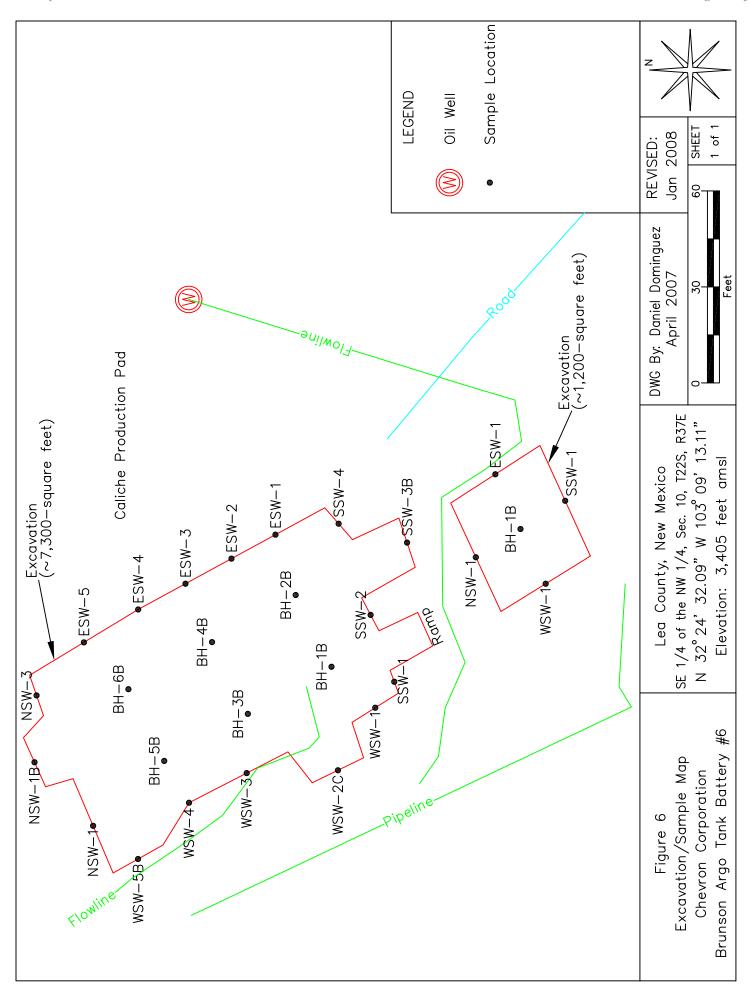












TABLES

TABLE 1

WELL INFORMATION REPORT* Chevron USA - Brunson Argo Tank Battery #6 (Ref #200131)

Well Number	Diversion ^A	Owner	Use	Twsp	Rng	b b b be	Latitude	Longitude	Date	Surface	Depth to Water
				•	0	•		D	Measured	Elevation"	(ft bgs)
CP 00581	3	NORTHERN NATURAL GAS CO.	SAN	22S	37E	14 222	N32° 23' 43.32"	N32° 23' 43.32" W103° 07' 44.48"	18-Apr-79	3,335	92
CP 00662	3	GEORGE SCHELLER	DOM	22S	37E	15 133	N32° 23' 30.26"	W103° 09' 32.15"	20-Jul-83	3,405	150
CP 00674	3	WARREN & VERNA HUGHES	DOM	22S	37E	15 11	N32° 23' 43.31"	W103° 09' 32.15"	27-Mar-85	3,399	75
CP 00684	3	WARREN & VUNA HUGHES	MUL	22S	37E	15 11	N32° 23' 43.31"	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"	N32° 23' 30.26" W103° 09' 32.15"	02-Jun-86	3,405	100
CP 00756	3	CHARLIE BETTIS	DOM	22S	37E	09 442	N32° 23' 56.34"	N32° 23' 56.34" W103° 09' 47.53"	30-Oct-90	3,408	85
CP 00871	3	BILL OR BARBARA TRULL	DOM	22S	37E	60	N32° 23' 56.30"	W103° 10' 33.67"	29-Sep-97	3,400	94
USGS #1				22S	37E	09 212			17-Mar-81	3,415	76.2
USGS #2				22S	37E	09 223			22-Jan-76	3,415	78.57
USGS #3				22S	37E	10 232			27-Jan-76	3,400	54.44
USGS #4				22S	37E	10 321			27-Jan-76	3,400	69.54
USGS #5				22S	37E	10 132			27-Jan-76	3,405	62.59
OSGS #6				22S	37E	10 214			27-Jan-76	3,399	41.88
USGS #7				22S	37E	10 321			17-Mar-81	3,399	66.05
OSGS #8				22S	37E	10 341			15-Feb-96	3,410	91.64
CP 00679	3	FRED FERBRACHE	DOM	22S	37E	15 33	N32° 23' 4.17"	W103° 09' 32.14"	20-May-85	3,380	86
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	15 342	N32° 23' 4.17"	W103° 09' 16.78"	29-Apr-87	3,385	87

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

Shaded area indicates wells not shown on Figure 2

^A = in acre feet per annum

B = Interpolated from USGS Topographical Map

DOM = Domestic one household

MUL = Multiple Domestic Households

⁽quarters are 1=NW, 2=NE, 3=SW, 4=SE)

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

TABLE 2 Summary of Soil Boring Field Analyses and Laboratory Analytical Results Chevron U.S.A. Inc.

Rolog																	
Rolonsod to Imaging								ring Field Anal	n U.S.A. Inc.			ts					
Sample I.D.	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (p/m) (mg/Kg)	Xylenes (o) (mg/Kg)	Total BTEX (mg/Kg)	Carbon Ranges (C6-C12) (mg/Kg)	Carbon Ranges (C12-C28) (mg/Kg)	Carbon Ranges (C28 C35) (mg/Kg)	Total Hydrocarbons (C6-C35) (mg/Kg)	Sulfate (mg/Kg)	Chloride (mg/Kg)
SB6-1	2	In-situ	27-Apr-07	0.4	400	<0.0250	< 0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	15.1	18.4
SB6-1	5	In-situ	27-Apr-07	10.0	800	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	64.3	487
SB6-1	10	In-situ	27-Apr-07	600	320	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	73.4	150
SB6-1	15	In-situ	27-Apr-07	3.8	480	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	61.0	288
SB6-1	20	In-situ	27-Apr-07	4.8	640	<0.0250	<0.0250	<0.0250	< 0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	87.0	472
SB6-2	2	In-situ	30-Apr-07	608	400	<0.0250	< 0.0250	<0.0250	< 0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	36.7	170
SB6-2	5	In-situ	30-Apr-07	0.0	160	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	81.3	20.0
SB6-2	10	In-situ	30-Apr-07	0.0	160	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	23.7	16.8
SB6-3	2	In-situ	30-Apr-07	0.0	160	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	61.0	39.4
SB6-3	5	In-situ	30-Apr-07	0.0	880	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	128	731
SB6-3	10	In-situ	30-Apr-07	0.0	1,200	< 0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	29.3	971
SB6-3	15	In-situ	30-Apr-07	0.0	900	< 0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	99.2	1100
SB6-3	20	In-situ	30-Apr-07	0.0	1,600	< 0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	32.5	644
SB6-3	25	In-situ	30-Apr-07	0.0	480	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	45.5	337

TABLE 2 Summary of Soil Boring Field Analyses and Laboratory Analytical Results Chevron U.S.A. Inc. Brunson Argo #6 (NMOCD Ref.#1RP-1304; EPI Ref.# 200131)

								ring Field Anal	u.S.A. Inc.	•		ts					
Sample I.D.	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (p/m) (mg/Kg)	Xylenes (o) (mg/Kg)	Total BTEX (mg/Kg)	Carbon Ranges (C6-C12) (mg/Kg)	Carbon Ranges (C12-C28) (mg/Kg)	Carbon Ranges (C28 C35) (mg/Kg)	Total Hydrocarbons (C6-C35) (mg/Kg)	Sulfate (mg/Kg)	Chloride (mg/Kg)
SB6-4	2	In-situ	01-May-07	600	480	<0.0250	J [0.00108]	0.00634	0.0239	0.00638	0.0366	189	1760	226	2,175	233	8.92
SB6-4	5	In-situ	01-May-07	300	800	< 0.0250	J [0.000957	0.00793	0.0192	0.00568	0.0328	44.3	340	40.4	425	220	282
SB6-4	10	In-situ	01-May-07	30.1	1,200	< 0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	61.0	877
SB6-4	15	In-situ	01-May-07	0.0	1,680	< 0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	29.5	1,050
SB6-4	20	In-situ	01-May-07	0.0	1,040	< 0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	31.2	787
SB6-4	25	In-situ	01-May-07	0.0	160	< 0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	71.9	25.1
SB5-5 (BG)	2	In-situ	30-Apr-07	0.0	160	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	64.2	J [4.56]
SB5-5 (BG)	5	In-situ	30-Apr-07	0.0	160	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	37.6	J [4.10]
SB5-5 (BG)	10	In-situ	30-Apr-07	0.0	160	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	<30.0	53.7	13.7
N	MOCD Ren	nedial Thresh	olds	100		10					50				100		250

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

Received by OCD: 9/26/2019 10:47:13 AM

TABLE 3 Summary of Excavation Soil Sample Field Analyses and Laboratory Analytical Results Chevron U.S.A. Inc. Brunson Argo #6 (NMOCD Ref.#1RP-1304; EPI Ref.# 200131)

Sample I.D.	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (p/m) (mg/Kg)	Xylenes (o) (mg/Kg)	Total BTEX (mg/Kg)	GRO (C6-C10) (mg/Kg)	DRO (C10-C28) (mg/Kg)	Total Hydrocarbons (C6-C35) (mg/Kg)	Chloride (mg/Kg)
							Excavat	ion #1 (North End)						
NSW-1	1	In situ	05-Dec-07		240							<20.0	<20.0	<40.0	<16
SSW-2	1	In situ	05-Dec-06		380							<20.0	<20.0	<40.0	160
SSW-3	1	In situ	05-Dec-07		340							<20.0	<20.0	<40.0	112
SSW-4	1	In situ	05-Dec-07		480							<20.0	<20.0	<40.0	32
SSW-5	1	In situ	05-Dec-07		280							<20.0	<20.0	<40.0	16
WSW-1	3	In situ	11-Dec-07		160							<10.0	<10.0	<20.0	80
WSW-2	3	Excavated	11-Dec-07		240										288
WSW-2B	3	Excavated	13-Dec-07		240										400
WSW-2C	3	In situ	14-Dec-07		200										<16
WSW-3	4	In situ	11-Dec-07		160							<10.0	<10.0	<20.0	<16
WSW-4	3	In situ	11-Dec-07		160		1	1							160
WSW-5	4	Excavated	11-Dec-07		240		-	-				<10.0	<10.0	<20.0	288
WSW-5B	3	In situ	13-Dec-07		200		-								160
NSW-1	3	In situ	11-Dec-07		240		-					<10.0	<10.0	<20.0	208
NSW-2	4	Excavated	11-Dec-07		240										528
NSW-2B	3	In situ	13-Nov-07		240										176
NSW-3	3	In situ	11-Dec-07		160							<10.0	<10.0	<20.0	64
SSW-1	3	In situ	12-Dec-07		160							<10.0	<10.0	<20.0	<16

Received by OCD: 9/26/2019 10:47:13 AM

TABLE 3 Summary of Excavation Soil Sample Field Analyses and Laboratory Analytical Results Chevron U.S.A. Inc. Brunson Argo #6 (NMOCD Ref.#1RP-1304; EPI Ref.# 200131)

Sample I.D.	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (p/m) (mg/Kg)	Xylenes (o) (mg/Kg)	Total BTEX (mg/Kg)	GRO (C6-C10) (mg/Kg)	DRO (C10-C28) (mg/Kg)	Total Hydrocarbons (C6-C35) (mg/Kg)	Chloride (mg/Kg)
SSW-2	4	In situ	12-Dec-07		240						1	<10.0	<10.0	<20.0	16
SSW-3	3	Excavated	12-Dec-07		640						-				
SSW-3A	3	Excavated	12-Dec-07		400						- 1	<10.0	<10.0	<20.0	432
SSW-3B	3	In situ	13-Dec-07				1				1	1		-	80
SSW-3B	3	In situ	13-Dec-07		160		-	-			1	1			
SESW-1	3	In situ	12-Dec-07		320							-			
SESW-2	3	In situ	12-Dec-07		1,080							1			
SSW-4	3	In situ	12-Dec-07		320							<10.0	<10.0	<20.0	256
ESW-1	3	In situ	12-Dec-07		240										
ESW-2	3	In situ	12-Dec-07		240										
ESW-1	3	In situ	12-Dec-07												656
ESW-2	4	In situ	12-Dec-07												<16.0
ESW-3	3	In situ	12-Dec-07												608
ESW-4	4	In situ	12-Dec-07												224
ESW-5	3	In situ	12-Dec-07												496
BH-1 (NE)	5	Excavated	12-Dec-07												480
BH-1B (NE)	7	In situ	18-Dec-07												160
BH-2 (NE)	5	Excavated	12-Dec-07												976
BH-2B (NE)	7	In situ	18-Dec-09												400
BH-3 (NE)	5	Excavated	12-Dec-07												496

Received by OCD: 9/26/2019 10:47:13 AM

TABLE 3 Summary of Excavation Soil Sample Field Analyses and Laboratory Analytical Results Chevron U.S.A. Inc. Brunson Argo #6 (NMOCD Ref.#1RP-1304; EPI Ref.# 200131)

Sample I.D.	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (p/m) (mg/Kg)	Xylenes (o) (mg/Kg)	Total BTEX (mg/Kg)	GRO (C6-C10) (mg/Kg)	DRO (C10-C28) (mg/Kg)	Total Hydrocarbons (C6-C35) (mg/Kg)	Chloride (mg/Kg)
BH-3B (NE)	7	In situ	18-Dec-07												336
BH-4 (NE)	5	Excavated	12-Dec-07												864
BH-4B (NE)	7	In situ	18-Dec-07						- 1						944
BH-5 (NE)	5	Excavated	12-Dec-07				-	-	-						64
BH-5B (NE)	7	In situ	12-18-027												224
BH-6 (NE)	5	Excavated	07-Dec-07												512
BH-6B (NE)	7	In situ	18-Dec-07												528
							Excavat	ion #2 (South End)						
NSW-1	3	In situ	13-Dec-07		240										128
WSW-1	3	In situ	13-Dec-07		240										160
SSW-1	3	In situ	13-Dec-07		720										1,010
ESW-1	3	In situ	13-Dec-07		720										848
BH-1 (SE)	5	Excavated	13-Dec-07		480										384
BH-1B (SE)	8	In situ	18-Dec-07												672
		nedial Thresh	olds	100		10					50			100	250

Bolded values are in excess of NMOCD Remediation Threshold Goals

^{-- =} Not Analyzed
J = Detected, but below the Reporting Limit. Therefore, result is an estimated concentration (CPL J-Flag)
Nomenclature: BH=Bottom Hole Sample; SW= Sidewall (E=East, W=West, S=South and N=North)

APPENDICES

APPENDIX I PROJECT PHOTOGRAPHS



Photograph No. 1 – Lease Sign.



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



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



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



Photograph No. 5 – Looking westerly across Excavation II.



Photograph No. 6 – Looking southerly excavation II.



Photograph No. 7 – Looking northwesterly across excavation I with cushion material.



Photograph No. 8 – Looking southwest across Excavation I and installation of liner.



Photograph No. 9 – Looking southerly across excavation II and installation of liner.



Photograph No. 10 – Remediated site.

APPENDIX II

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY FORM



Analytical Report

Prepared for:

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

Project: Chevron/ Brunson Argo TB #6

Project Number: 200131

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

Lab Order Number: 7E03005

Report Date: 08/06/07

Fax: 505-394-2601

Environmental Plus, Incorporated Project: Chevron/ Brunson Argo TB #6

P.O. Box 1558 Project Number: 200131

Eunice NM, 88231 Project Manager: David P. Duncan

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-1 (2')	7E03005-01	Soil	04/27/07 12:55	05-03-2007 10:50
SB-1 (5')	7E03005-02	Soil	04/27/07 13:06	05-03-2007 10:50
SB-1 (10')	7E03005-03	Soil	04/26/07 13:53	05-03-2007 10:50
SB-1 (15')	7E03005-04	Soil	04/27/07 14:43	05-03-2007 10:50
SB-1 (20')	7E03005-05	Soil	04/27/07 16:30	05-03-2007 10:50
SB-2 (2')	7E03005-06	Soil	04/30/07 07:15	05-03-2007 10:50
SB-2 (5')	7E03005-07	Soil	04/27/07 07:30	05-03-2007 10:50
SB-2 (10')	7E03005-08	Soil	04/26/07 08:05	05-03-2007 10:50
SB-3 (2')	7E03005-09	Soil	04/27/07 08:55	05-03-2007 10:50
SB-3 (5')	7E03005-10	Soil	04/30/07 09:10	05-03-2007 10:50
SB-3 (10')	7E03005-11	Soil	04/26/07 09:40	05-03-2007 10:50
SB-3 (15')	7E03005-12	Soil	04/30/07 10:21	05-03-2007 10:50
SB-3 (20')	7E03005-13	Soil	04/30/07 12:02	05-03-2007 10:50
SB-3 (25')	7E03005-14	Soil	04/30/07 14:00	05-03-2007 10:50
SB-4 (2')	7E03005-15	Soil	05/01/07 07:15	05-03-2007 10:50
SB-4 (5')	7E03005-16	Soil	05/01/07 07:25	05-03-2007 10:50
SB-4 (10')	7E03005-17	Soil	05/01/07 08:00	05-03-2007 10:50
SB-4 (15')	7E03005-18	Soil	05/01/07 08:43	05-03-2007 10:50
SB-4 (20')	7E03005-19	Soil	05/01/07 09:53	05-03-2007 10:50
SB-4 (25')	7E03005-20	Soil	05/01/07 11:58	05-03-2007 10:50
SB-5 (2')	7E03005-21	Soil	04/30/07 15:15	05-03-2007 10:50
SB-5 (5')	7E03005-22	Soil	04/30/07 15:45	05-03-2007 10:50
SB-5 (10')	7E03005-23	Soil	04/30/07 12:02	05-03-2007 10:50

Fax: 505-394-2601

Environmental Plus, Incorporated Project:

P.O. Box 1558

Eunice NM, 88231

Project: Chevron/ Brunson Argo TB #6

Project Number: 200131

Project Manager: David P. Duncan

Organics by GC Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 (2') (7E03005-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE70306	05/03/07	05/04/07	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		99.2 %	75-12	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.0 %	75-12	25	"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		79.4 %	70-13	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		92.8 %	70-13	30	"	"	"	"	
SB-1 (5') (7E03005-02) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70306	05/03/07	05/03/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		128 %	75-12	25	"	"	"	"	S-04
Surrogate: 4-Bromofluorobenzene		109 %	75-12	25	"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		82.0 %	70-13	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		91.6 %	70-13	30	"	"	"	"	
SB-1 (10') (7E03005-03) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70306	05/03/07	05/03/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		88.4 %	75-12	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.0 %	75-12		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	

Environmental Lab of Texas

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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.

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Environmental Plus, Incorporated Project: Chevron/ Brunson Argo TB #6

P.O. Box 1558 Project Number: 200131

Eunice NM, 88231 Project Manager: David P. Duncan

Fax: 505-394-2601

Organics by GC

Environmental Lab of Texas

	n	Reporting	**						
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
SB-1 (10') (7E03005-03) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		77.0 %	70-13	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		85.6 %	70-13	30	"	"	"	"	
SB-1 (15') (7E03005-04) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70306	05/03/07	05/03/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		89.0 %	75-12	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.2 %	75-12	25	"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		77.2 %	70-13	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		86.6 %	70-13	30	"	"	"	"	
SB-1 (20') (7E03005-05) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70306	05/03/07	05/03/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		88.0 %	75-12	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.4 %	75-12	25	"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		73.8 %	70-13	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		83.0 %	70-13		"	"	"	"	

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Fax: 505-394-2601

Environmental Plus, Incorporated

Project: Chevron/ Brunson Argo TB #6

P.O. Box 1558

Project Number: 200131

Eunice NM, 88231 Project Manager: David P. Duncan

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
SB-2 (2') (7E03005-06) Soil	Result	Liniit	Cinto	Dilution	Dalch	гтерагец	Analyzed	MEHIOU	Note
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene		0.00200	mg/kg my	2	EE/U411	03/04/07	03/04/07	EFA 8021B	
Ethylbenzene	ND	0.00200	"	,,	"	,,	,,	,,	
•	ND ND	0.00200	,,	,,	,,	,,	,,	,,	
Xylene (p/m) Vylene (a)		0.00200	,,	,,	"	,,	,,	,,	
Xylene (o)	ND		75.1		"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		87.0 %	75-1.		,,	"	,,	"	
Surrogate: 4-Bromofluorobenzene		84.8 %	75-1.						
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1 "	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0							
Carbon Ranges C28-C35	ND	10.0	"	"	"	"		"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"		
Surrogate: 1-Chlorooctane		78.0 %	70-1.		"	"	"	"	
Surrogate: 1-Chlorooctadecane		87.2 %	70-1.	30	"	"	"	"	
SB-2 (5') (7E03005-07) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		83.0 %	75-1.	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		85.6 %	75-1.	25	"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		77.8 %	70-1.	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		86.0 %	70-1.		"	"	"	"	
SB-2 (10') (7E03005-08) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		80.8 %	75-1.	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86.4 %	75-1.	25	"	"	"	"	
Carbon Ranges C6-C12	ND	10.0		1	EE70310	05/03/07	05/04/07	EPA 8015M	

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Fax: 505-394-2601

Environmental Plus, Incorporated

Project: Chevron/ Brunson Argo TB #6

P.O. Box 1558

Project Number: 200131

Eunice NM, 88231

Project Manager: David P. Duncan

Organics by GC

Environmental Lab of Texas Reporting Result Limit Units Analyte Dilution Batch Prepared Analyzed Method Notes SB-2 (10') (7E03005-08) Soil Carbon Ranges C12-C28 10.0 mg/kg dry EE70310 05/03/07 05/04/07 EPA 8015M ND 1 Carbon Ranges C28-C35 10.0 ND Total Hydrocarbons ND 10.0 70-130 Surrogate: 1-Chlorooctane 78.0 % 70-130 Surrogate: 1-Chlorooctadecane 86.4 % SB-3 (2') (7E03005-09) Soil Benzene ND 0.00200 mg/kg dry 2 EE70411 05/04/07 05/04/07 EPA 8021B Toluene ND 0.00200 0.00200 Ethylbenzene ND Xylene (p/m) ND 0.00200 Xylene (o) ND 0.00200 75-125 83.0 % Surrogate: a,a,a-Trifluorotoluene Surrogate: 4-Bromofluorobenzene 83.8 % 75-125 Carbon Ranges C6-C12 ND 10.0 mg/kg dry EE70310 05/03/07 05/04/07 EPA 8015M Carbon Ranges C12-C28 10.0 ND Carbon Ranges C28-C35 10.0 ND Total Hydrocarbons 10.0 ND 82.4 % 70-130 Surrogate: 1-Chlorooctane 91.0 % 70-130 Surrogate: 1-Chlorooctadecane SB-3 (5') (7E03005-10) Soil 0.00200 mg/kg dry 2 EE70411 EPA 8021B Benzene ND 05/04/07 05/04/07 Toluene ND 0.00200 Ethylbenzene 0.00200 ND Xylene (p/m) 0.00200 ND Xylene (o) ND 0.00200 80.0 % 75-125 Surrogate: a,a,a-Trifluorotoluene 84.2 % 75-125 Surrogate: 4-Bromofluorobenzene Carbon Ranges C6-C12 10.0 mg/kg dry EE70310 05/03/07 05/04/07 EPA 8015M ND Carbon Ranges C12-C28 ND 10.0 Carbon Ranges C28-C35 ND 10.0

Environmental Lab of Texas

Total Hydrocarbons

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

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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.

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70-130

70-130

10.0 80.6 %

88.6 %

ND

Environmental Plus, Incorporated

Project: Chevron/ Brunson Argo TB #6

P.O. Box 1558

Eunice NM, 88231

Project Number: 200131

Project Manager: David P. Duncan

Fax: 505-394-2601

Organics by GC Environmental Lab of Texas

Environmental Lab of Texas										
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
SB-3 (10') (7E03005-11) Soil						·F	, 200		- 1000	
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B		
Toluene	ND	0.00200	"	,,	"	"	"	"		
Ethylbenzene	ND	0.00200	"	"	,,	"	"	"		
Xylene (p/m)	ND	0.00200	"	"	,,	"	"	"		
Xylene (o)	ND	0.00200	"	"	"	"	"	"		
Surrogate: a,a,a-Trifluorotoluene		77.4 %	75-125		"	"	"	"		
Surrogate: 4-Bromofluorobenzene		77.8 %	75-12	25	"	"	"	"		
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M		
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"		
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"		
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"		
Surrogate: 1-Chlorooctane		79.4 %	70-1.	30	"	"	"	"		
Surrogate: 1-Chlorooctadecane		88.8 %	70-1.	30	"	"	"	"		
SB-3 (15') (7E03005-12) Soil										
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B		
Toluene	ND	0.00200	"	"	"	"	"	"		
Ethylbenzene	ND	0.00200	"	"	"	"	"	"		
Xylene (p/m)	ND	0.00200	"	"	,,	"	"	"		
Xylene (o)	ND	0.00200	"	"	"	"	"	"		
Surrogate: a,a,a-Trifluorotoluene		77.4 %	75-12	25	"	"	"	"		
Surrogate: 4-Bromofluorobenzene		79.4 %	75-12	25	"	"	"	"		
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M		
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"		
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"		
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"		
Surrogate: 1-Chlorooctane		77.6 %	70-1.	30	"	"	"	"		
Surrogate: 1-Chlorooctadecane		86.2 %	70-1.	30	"	"	"	"		
SB-3 (20') (7E03005-13) Soil										
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B		
Toluene	ND	0.00200	"	"	"	"	"	"		
Ethylbenzene	ND	0.00200	"	"	"	"	"	"		
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"		
Xylene (o)	ND	0.00200	"	"	"	"	"	"		
Surrogate: a,a,a-Trifluorotoluene		78.8 %	75-12	25	"	"	"	"		
Surrogate: 4-Bromofluorobenzene		81.6 %	75-12		"	"	"	"		
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M		
-										

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Environmental Plus, Incorporated

Project: Chevron/ Brunson Argo TB #6 Project Number: 200131

Fax: 505-394-2601

P.O. Box 1558 Eunice NM, 88231

Project Manager: David P. Duncan

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-3 (20') (7E03005-13) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		78.8 %	70-1.	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		86.8 %	70-1.	30	"	"	"	"	
SB-3 (25') (7E03005-14) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		76.6 %	75-1.	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		83.2 %	75-1.	25	"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		81.6 %	70-1.	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		90.6 %	70-1.	30	"	"	"	n .	
SB-4 (2') (7E03005-15) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	J [0.00108]	0.00200	"	"	"	"	"	"	
Ethylbenzene	0.00634	0.00200	"	"	"	"	"	"	
Xylene (p/m)	0.0239	0.00200	"	"	"	"	"	"	
Xylene (o)	0.00638	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		75.8 %	75-1.	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86.4 %	75-1.	25	"	"	"	"	
Carbon Ranges C6-C12	189	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	1760	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	226	10.0	"	"	"	"	"	"	
Total Hydrocarbons	2180	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		89.2 %	70-1.	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		92.6 %	70-1.	30	"	"	"	"	

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Environmental Plus, Incorporated Project: Chevron/ Brunson Argo TB #6

P.O. Box 1558 Project Number: 200131

Eunice NM, 88231 Project Manager: David P. Duncan

Organics by GC

Environmental Lab of Texas

		Reporting	***						
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
SB-4 (5') (7E03005-16) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	J [0.000957]	0.00200	"	"	"	"	"	"	
Ethylbenzene	0.00793	0.00200	"	"	"	"	"	"	
Xylene (p/m)	0.0192	0.00200	"	"	"	"	"	"	
Xylene (o)	0.00568	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		79.2 %	75-12	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89.4 %	75-12	25	"	"	"	"	
Carbon Ranges C6-C12	44.3	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	340	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	40.4	10.0	"	"	"	"	"	"	
Total Hydrocarbons	425	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		80.2 %	70-13	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		89.2 %	70-13	30	"	"	"	"	
SB-4 (10') (7E03005-17) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		79.0 %	75-12	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		81.8 %	75-12	25	"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		80.6 %	70-13	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		89.4 %	70-13	30	"	"	"	"	
SB-4 (15') (7E03005-18) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		75.6 %	75-12	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		78.2 %	75-12	25	"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Environmental Lab of Texas			TI	11.				ance with the samples	

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Environmental Plus, Incorporated

Project: Chevron/ Brunson Argo TB #6

P.O. Box 1558

Eunice NM, 88231

Project Number: 200131

Project Manager: David P. Duncan

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
SB-4 (15') (7E03005-18) Soil							<u> </u>		
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/04/07	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		80.0 %	70-1	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		88.4 %	70-1	30	"	"	"	"	
SB-4 (20') (7E03005-19) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		78.2 %	75-1	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		81.0 %	75-1	25	"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/05/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		84.6 %	70-1	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		98.8 %	70-1	30	"	"	"	n,	
SB-4 (25') (7E03005-20) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		79.2 %	75-1	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.2 %	75-1	25	"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70310	05/03/07	05/05/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		71.4 %	70-1	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		86.0 %	70-1	30	"	"	"	"	

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Environmental Plus, Incorporated Project: Chevron/ Brunson Argo TB #6

P.O. Box 1558 Project Number: 200131

Eunice NM, 88231 Project Manager: David P. Duncan

Organics by GC

Environmental Lab of Texas

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-5 (2') (7E03005-21) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		84.6 %	75-12	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.6 %	75-12	25	"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70402	05/07/07	05/07/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		77.4 %	70-13	0	"	"	"	"	
Surrogate: 1-Chlorooctadecane		87.2 %	70-13	0	"	"	"	"	
SB-5 (5') (7E03005-22) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		87.0 %	75-12	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89.4 %	75-12	25	"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70402	05/07/07	05/07/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		76.0 %	70-13	0	"	"	"	"	
Surrogate: 1-Chlorooctadecane		84.0 %	70-13	0	"	"	"	"	
SB-5 (10') (7E03005-23) Soil									
Benzene	ND	0.00200	mg/kg dry	2	EE70411	05/04/07	05/04/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		79.4 %	75-12	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		77.6 %	75-12	25	"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE70402	05/07/07	05/07/07	EPA 8015M	
Environmental Lab of Tayas									

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Fax: 505-394-2601 Environmental Plus, Incorporated Project: Chevron/ Brunson Argo TB #6

P.O. Box 1558 Project Number: 200131 Eunice NM, 88231

Project Manager: David P. Duncan

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-5 (10') (7E03005-23) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	EE70402	05/07/07	05/07/07	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		80.2 %	70-1.	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		88.2 %	70-1.	30	"	"	"	"	

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Fax: 505-394-2601 Environmental Plus, Incorporated Project: Chevron/ Brunson Argo TB #6

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

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
SB-1 (2') (7E03005-01) Soil									
Chloride	18.4	5.00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300.0	
% Moisture	6.6	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	15.1	5.00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300.0	
SB-1 (5') (7E03005-02) Soil									
Chloride	487	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	
% Moisture	10.4	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	64.3	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	
SB-1 (10') (7E03005-03) Soil									
Chloride	150	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	
% Moisture	13.9	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	73.4	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	
SB-1 (15') (7E03005-04) Soil									
Chloride	288	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	
% Moisture	10.0	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	61.0	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	
SB-1 (20') (7E03005-05) Soil									
Chloride	472	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	
% Moisture	13.2	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	87.0	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	
SB-2 (2') (7E03005-06) Soil									
Chloride	170	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	
% Moisture	2.1	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	36.7	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	
SB-2 (5') (7E03005-07) Soil									
Chloride	20.0	5.00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300.0	
% Moisture	11.6	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	81.3	5.00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300.0	

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P.O. Box 1558 Project Number: 200131

Eunice NM, 88231 Project Manager: David P. Duncan

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

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-2 (10') (7E03005-08) Soil									
Chloride	16.8	5.00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300.0	
% Moisture	9.5	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	23.7	5.00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300.0	
SB-3 (2') (7E03005-09) Soil									
Chloride	39.4	5.00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300.0	
% Moisture	13.0	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	61.0	5.00	mg/kg	10	EE71001	05/10/07	05/10/07	EPA 300.0	
SB-3 (5') (7E03005-10) Soil									
Chloride	731	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	
% Moisture	13.5	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	128	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	
SB-3 (10') (7E03005-11) Soil									
Chloride	971	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	
% Moisture	7.8	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	29.3	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	
SB-3 (15') (7E03005-12) Soil									
Chloride	1100	20.0	mg/kg	40	EE71001	05/10/07	05/10/07	EPA 300.0	
% Moisture	13.4	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	99.2	20.0	mg/kg	40	EE71001	05/10/07	05/10/07	EPA 300.0	
SB-3 (20') (7E03005-13) Soil									
Chloride	644	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	<u> </u>
% Moisture	9.3	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	32.5	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	
SB-3 (25') (7E03005-14) Soil									
Chloride	337	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	
% Moisture	5.8	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	45.5	10.0	mg/kg	20	EE71001	05/10/07	05/10/07	EPA 300.0	

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Environmental Plus, Incorporated Project: Chevron/ Brunson Argo TB #6

P.O. Box 1558 Project Number: 200131

Eunice NM, 88231 Project Manager: David P. Duncan

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

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

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

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-5 (5') (7E03005-22) Soil									
Chloride	J [4.10]	5.00	mg/kg	10	EE71002	05/10/07	05/10/07	EPA 300.0	J
% Moisture	8.8	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	37.6	5.00	mg/kg	10	EE71002	05/10/07	05/10/07	EPA 300.0	
SB-5 (10') (7E03005-23) Soil									
Chloride	13.7	5.00	mg/kg	10	EE71002	05/10/07	05/10/07	EPA 300.0	
% Moisture	11.4	0.1	%	1	EE70403	05/04/07	05/04/07	% calculation	
Sulfate	53.7	5.00	mg/kg	10	EE71002	05/10/07	05/10/07	EPA 300.0	

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P.O. Box 1558 Project Number: 200131

Eunice NM, 88231 Project Manager: David P. Duncan

0.197

0.103

43.2

44.6

0.00200

0.00200

ug/kg

Organics by GC - Quality Control Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EE70306 - EPA 5030C (GC)										
Blank (EE70306-BLK1)				Prepared &	Analyzed	1: 05/03/07				
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	52.4		ug/kg	50.0		105	75-125			
Surrogate: 4-Bromofluorobenzene	49.6		"	50.0		99.2	75-125			
LCS (EE70306-BS1)				Prepared &	Analyzed	1: 05/03/07				
Benzene	0.0503	0.00100	mg/kg wet	0.0500		101	80-120			
Toluene	0.0516	0.00100	"	0.0500		103	80-120			
Ethylbenzene	0.0541	0.00100	"	0.0500		108	80-120			
Xylene (p/m)	0.0991	0.00100	"	0.100		99.1	80-120			
Xylene (o)	0.0537	0.00100	"	0.0500		107	80-120			
Surrogate: a,a,a-Trifluorotoluene	52.4		ug/kg	50.0		105	75-125			
Surrogate: 4-Bromofluorobenzene	54.2		"	50.0		108	75-125			
Calibration Check (EE70306-CCV1)				Prepared &	Analyzed	1: 05/03/07				
Benzene	50.7		ug/kg	50.0		101	80-120			
Toluene	50.9		"	50.0		102	80-120			
Ethylbenzene	52.7		"	50.0		105	80-120			
Xylene (p/m)	96.0		"	100		96.0	80-120			
Xylene (o)	52.9		"	50.0		106	80-120			
Surrogate: a,a,a-Trifluorotoluene	50.2		"	50.0		100	75-125			
Surrogate: 4-Bromofluorobenzene	50.0		"	50.0		100	75-125			
Matrix Spike (EE70306-MS1)	Sou	rce: 7D30017	7-12	Prepared: 0	5/03/07 A	Analyzed: 05	/04/07			
Benzene	0.101	0.00200	mg/kg dry	0.116	ND	87.1	80-120			
Toluene	0.102	0.00200	"	0.116	ND	87.9	80-120			
Ethylbenzene	0.107	0.00200	"	0.116	ND	92.2	80-120			

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Surrogate: a,a,a-Trifluorotoluene

Surrogate: 4-Bromofluorobenzene

Xylene (p/m)

Xylene (o)

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80-120

80-120

75-125

75-125

84.5

88.8

86.4

89.2

ND

0.233

0.116

50.0

50.0

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P.O. Box 1558 Project Number: 200131

Eunice NM, 88231 Project Manager: David P. Duncan

48.0

Organics by GC - Quality Control Environmental Lab of Texas

				ab of 1 C						
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE70306 - EPA 5030C (GC)										
Matrix Spike Dup (EE70306-MSD1)	Sou	rce: 7D30017	7-12	Prepared: (05/03/07 A	nalyzed: 05	/04/07			
Benzene	0.104	0.00200	mg/kg dry	0.116	ND	89.7	80-120	2.94	20	
Toluene	0.105	0.00200	"	0.116	ND	90.5	80-120	2.91	20	
Ethylbenzene	0.110	0.00200	"	0.116	ND	94.8	80-120	2.78	20	
Xylene (p/m)	0.201	0.00200	"	0.233	ND	86.3	80-120	2.11	20	
Xylene (o)	0.106	0.00200	"	0.116	ND	91.4	80-120	2.89	20	
Surrogate: a,a,a-Trifluorotoluene	44.0		ug/kg	50.0		88.0	75-125			
Surrogate: 4-Bromofluorobenzene	46.3		"	50.0		92.6	75-125			
Batch EE70310 - Solvent Extraction (GC)										
Blank (EE70310-BLK1)				Prepared: (05/03/07 A	nalyzed: 05	/04/07			
Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbons	ND	10.0	"							
Surrogate: 1-Chlorooctane	38.7		mg/kg	50.0		77.4	70-130			
Surrogate: 1-Chlorooctadecane	43.0		"	50.0		86.0	70-130			
LCS (EE70310-BS1)				Prepared: (05/03/07 A	nalyzed: 05	/04/07			
Carbon Ranges C6-C12	597	10.0	mg/kg wet	500		119	75-125			
Carbon Ranges C12-C28	466	10.0	"	500		93.2	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00			75-125			
Total Hydrocarbons	1060	10.0	"	1000		106	75-125			
Surrogate: 1-Chlorooctane	48.6		mg/kg	50.0		97.2	70-130			
Surrogate: 1-Chlorooctadecane	41.0		"	50.0		82.0	70-130			
Calibration Check (EE70310-CCV1)				Prepared: (05/03/07 A	nalyzed: 05	/05/07			
Carbon Ranges C6-C12	276		mg/kg	250		110	80-120			
Carbon Ranges C12-C28	236		"	250		94.4	80-120			
Total Hydrocarbons	512		"	500		102	80-120			
Surrogate: 1-Chlorooctane	47.6		"	50.0		95.2	70-130			

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Surrogate: 1-Chlorooctadecane

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96.0

70-130

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50.0

P.O. Box 1558 Project Number: 200131

Eunice NM, 88231 Project Manager: David P. Duncan

Organics by GC - Quality Control Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch EE70310 - Solvent Extraction (GC)

Matrix Spike (EE70310-MS1)	Source	e: 7E03005	-01	Prepared: 0	5/03/07 A	nalyzed: 05	5/08/07			
Carbon Ranges C6-C12	576	10.0	mg/kg dry	535	ND	108	75-125			
Carbon Ranges C12-C28	509	10.0	"	535	ND	95.1	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125			
Total Hydrocarbons	1080	10.0	"	1070	ND	101	75-125			
Surrogate: 1-Chlorooctane	42.9		mg/kg	50.0		85.8	70-130			
Surrogate: 1-Chlorooctadecane	35.3		"	50.0		70.6	70-130			
Matrix Spike Dup (EE70310-MSD1)	Source	e: 7E03005	-01	Prepared: 0	5/03/07 A	nalyzed: 05	5/08/07			
Carbon Ranges C6-C12	558	10.0	mg/kg dry	535	ND	104	75-125	3.77	20	
Carbon Ranges C12-C28	473	10.0	"	535	ND	88.4	75-125	7.30	20	
Carbon Ranges C12-C28 Carbon Ranges C28-C35	473 ND	10.0 10.0	"	535 0.00				7.30		
<u> </u>					ND		75-125	7.30 4.76	20	
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND ND	88.4	75-125 75-125		20 20	

Batch EE70402 - Solvent Extraction (GC)

Blank (EE70402-BLK1)				Prepared & Ana	lyzed: 05/07/07		
Carbon Ranges C6-C12	ND	10.0	mg/kg wet				
Carbon Ranges C12-C28	ND	10.0	"				
Carbon Ranges C28-C35	ND	10.0	"				
Total Hydrocarbons	ND	10.0	"				
Surrogate: 1-Chlorooctane	40.0		mg/kg	50.0	80.0	70-130	
Surrogate: 1-Chlorooctadecane	44.7		"	50.0	89.4	70-130	
LCS (EE70402-BS1)				Prepared & Ana	lyzed: 05/07/07		
Carbon Ranges C6-C12	611	10.0	mg/kg wet	500	122	75-125	
Carbon Ranges C12-C28	495	10.0	"	500	99.0	75-125	
Carbon Ranges C28-C35	ND	10.0	"	0.00		75-125	
Total Hydrocarbons	1110	10.0	"	1000	111	75-125	
Surrogate: 1-Chlorooctane	54.8		mg/kg	50.0	110	70-130	
Surrogate: 1-Chlorooctadecane	46.0		"	50.0	92.0	70-130	

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Fax: 505-394-2601 Environmental Plus, Incorporated Project: Chevron/ Brunson Argo TB #6

P.O. Box 1558 Project Number: 200131

Project Manager: David P. Duncan Eunice NM, 88231

61.2

Organics by GC - Quality Control Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch EE70402 - Solvent Extraction (GC)									
Calibration Check (EE70402-CCV1)			Prepared &	Analyzed	: 05/07/07				
Carbon Ranges C6-C12	222	mg/kg	250		88.8	80-120			
Carbon Ranges C12-C28	223	"	250		89.2	80-120			
Total Hydrocarbons	445	"	500		89.0	80-120			
Surrogate: 1-Chlorooctane	54.9	"	50.0		110	70-130			
Surrogate: 1-Chlorooctadecane	55.7	"	50.0		111	70-130			
Matrix Spike (EE70402-MS1)	Source	e: 7E03005-21	Prepared: (05/07/07 A	nalyzed: 0:	5/09/07			
Carbon Ranges C6-C12	629	10.0 mg/kg d	y 536	ND	117	75-125			
Carbon Ranges C12-C28	505	10.0 "	536	ND	94.2	75-125			
Carbon Ranges C28-C35	ND	10.0 "	0.00	ND		75-125			
Total Hydrocarbons	1130	10.0 "	1070	ND	106	75-125			
Surrogate: 1-Chlorooctane	64.4	mg/kg	50.0		129	70-130			
Surrogate: 1-Chlorooctadecane	61.9	"	50.0		124	70-130			
Matrix Spike Dup (EE70402-MSD1)	Source	e: 7E03005-21	Prepared: (05/07/07 A	nalyzed: 0:	5/09/07			
Carbon Ranges C6-C12	665	10.0 mg/kg d	y 536	ND	124	75-125	5.81	20	
Carbon Ranges C12-C28	582	10.0 "	536	ND	109	75-125	14.6	20	
Carbon Ranges C28-C35	ND	10.0 "	0.00	ND		75-125		20	
Total Hydrocarbons	1250	10.0 "	1070	ND	117	75-125	9.87	20	
Surrogate: 1-Chlorooctane	64.7	mg/kg	50.0		129	70-130			

Batch EE70411 - EPA 5030C (GC)

Surrogate: 1-Chlorooctadecane

Blank (EE70411-BLK1)		Prepared & Analyzed: 05/04/07							
Benzene	ND	0.00100 mg/kg v	wet						
Toluene	ND	0.00100 "							
Ethylbenzene	ND	0.00100 "							
Xylene (p/m)	ND	0.00100 "							
Xylene (o)	ND	0.00100 "							
Surrogate: a,a,a-Trifluorotoluene	51.1	ug/kg	50.0	102	75-125				
Surrogate: 4-Bromofluorobenzene	49.5	"	50.0	99.0	75-125				

50.0

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70-130

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P.O. Box 1558 Project Number: 200131

Eunice NM, 88231 Project Manager: David P. Duncan

Organics by GC - Quality Control Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EE70411 - EPA 5030C (GC)										
LCS (EE70411-BS1)				Prepared &	: Analyzed:	05/04/07				
Benzene	0.0501	0.00100	mg/kg wet	0.0500		100	80-120			
Toluene	0.0518	0.00100	"	0.0500		104	80-120			
Ethylbenzene	0.0540	0.00100	"	0.0500		108	80-120			
Xylene (p/m)	0.100	0.00100	"	0.100		100	80-120			
Xylene (o)	0.0536	0.00100	"	0.0500		107	80-120			
Surrogate: a,a,a-Trifluorotoluene	51.3		ug/kg	50.0		103	75-125			
Surrogate: 4-Bromofluorobenzene	52.0		"	50.0		104	75-125			
Calibration Check (EE70411-CCV1)				Prepared &	: Analyzed:	05/04/07				
Benzene	50.6		ug/kg	50.0		101	80-120			
Toluene	51.3		"	50.0		103	80-120			
Ethylbenzene	51.7		"	50.0		103	80-120			
Xylene (p/m)	96.5		"	100		96.5	80-120			
Xylene (o)	52.9		"	50.0		106	80-120			
Surrogate: a,a,a-Trifluorotoluene	50.2		"	50.0		100	75-125			
Surrogate: 4-Bromofluorobenzene	50.8		"	50.0		102	75-125			
Matrix Spike (EE70411-MS1)	Sou	rce: 7E03005	5-06	Prepared: (05/04/07 A	nalyzed: 05	/09/07			
Benzene	0.0840	0.00200	mg/kg dry	0.102	ND	82.4	80-120			
Toluene	0.0858	0.00200	"	0.102	ND	84.1	80-120			
Ethylbenzene	0.0880	0.00200	"	0.102	ND	86.3	80-120			
Xylene (p/m)	0.171	0.00200	"	0.204	ND	83.8	80-120			
Xylene (o)	0.0883	0.00200	"	0.102	ND	86.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	40.0		ug/kg	50.0		80.0	75-125			
Surrogate: 4-Bromofluorobenzene	42.4		"	50.0		84.8	75-125			
Matrix Spike Dup (EE70411-MSD1)	Sou	rce: 7E03005	5-06	Prepared: (05/04/07 A	nalyzed: 05	/09/07			
Benzene	0.0797	0.00200	mg/kg dry	0.102	ND	78.1	80-120	5.36	20	M
Toluene	0.0831	0.00200	"	0.102	ND	81.5	80-120	3.14	20	
Ethylbenzene	0.0859	0.00200	"	0.102	ND	84.2	80-120	2.46	20	
Xylene (p/m)	0.167	0.00200	"	0.204	ND	81.9	80-120	2.29	20	
Xylene (o)	0.0857	0.00200	"	0.102	ND	84.0	80-120	3.05	20	
Surrogate: a,a,a-Trifluorotoluene	37.9		ug/kg	50.0		75.8	75-125			
Surrogate: 4-Bromofluorobenzene	41.7		"	50.0		83.4	75-125			

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P.O. Box 1558 Project Number: 200131

Eunice NM, 88231 Project Manager: David P. Duncan

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE70403 - General Preparation (Pro	ep)									
Blank (EE70403-BLK1)				Prepared &	Analyzed:	05/04/07				
% Solids	100		%							
Duplicate (EE70403-DUP1)	Sour	rce: 7D27007-	01	Prepared &	Analyzed:	05/04/07				
% Solids	98.8		%		98.8			0.00	20	
Duplicate (EE70403-DUP2)	Sour	rce: 7E03005-	09	Prepared &	Analyzed:	05/04/07				
% Solids	87.4		%		87.0			0.459	20	
Batch EE71001 - General Preparation (Wo	etChem)									
Blank (EE71001-BLK1)				Prepared &	Analyzed:	05/10/07				
Sulfate	ND	0.500	mg/kg							
Chloride	ND	0.500	"							
LCS (EE71001-BS1)				Prepared &	Analyzed:	05/10/07				
Chloride	9.80	0.500	mg/kg	10.0		98.0	80-120			
Sulfate	9.29	0.500	"	10.0		92.9	80-120			
Calibration Check (EE71001-CCV1)				Prepared &	Analyzed:	05/10/07				
Sulfate	10.4		mg/kg	10.0		104	80-120			
Chloride	8.58		"	10.0		85.8	80-120			
Duplicate (EE71001-DUP1)	Sour	rce: 7E03005-	05	Prepared &	Analyzed:	05/10/07				
Chloride	469	10.0	mg/kg		472			0.638	20	
Sulfate	84.0	10.0	"		87.0			3.51	20	
Duplicate (EE71001-DUP2)	Sour	Source: 7E03005-15			Prepared & Analyzed: 05/10/07					
Chloride	7.74	5.00	mg/kg		8.92			14.2	20	
Sulfate	227	5.00	"		233			2.61	20	

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 21 of 23

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

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

%REC RPD Spike Reporting Source Limit Result %REC Limits RPD Limit Analyte Result Units Level Notes

Prepared & Analyzed: 05/10/07

Prepared & Analyzed: 05/10/07

Prepared & Analyzed: 05/10/07

9.54

1770

102

75.0

80-120

80-120

200

200

Batch EE71001 - General Preparation (WetChem)

Matrix Spike (EE71001-MS1)

Blank (EE71002-BLK1)

Matrix Spike (EE71002-MS1)

Sulfate

Chloride

Sulfate

Sulfate	271	10.0	mg/kg	200	87.0	92.0	80-120	
Chloride	617	10.0	"	200	472	72.5	80-120	QM-10
Matrix Spike (EE71001-MS2)	Source	e: 7E03005-	·15	Prepared &	Analyzed:	05/10/07		
Matrix Spike (EE71001-MS2) Sulfate	Source 319	5.00	-15 mg/kg	Prepared &	Analyzed:	05/10/07 86.0	80-120	

Source: 7E03005-05

0.500

Source: 7E04005-01

5.00

ND

214

1920

Batch EE71002 - General Preparation (WetChem)

Chloride	ND	0.500	"						
LCS (EE71002-BS1)				Prepared & Ana	alyzed: 05/10/07				
Chloride	9.52	0.500	mg/kg	10.0	95.2	80-120			
Sulfate	8.93	0.500	"	10.0	89.3	80-120			
Calibration Check (EE71002-CCV1)				Prepared & Ana	alyzed: 05/10/07				
Sulfate	10.6		mg/kg	10.0	106	80-120			
Chloride	8.90		"	10.0	89.0	80-120			
Duplicate (EE71002-DUP1)	Source	e: 7E04005-	01	Prepared & Ana	alyzed: 05/10/07				
Sulfate	1750	10.0	mg/kg	1	1770		1.14	20	
Chloride	10.8	10.0	"	Ģ	9.54		12.4	20	

mg/kg

mg/kg

QM-10

P.O. Box 1558 Project Number: 200131

Eunice NM, 88231 Project Manager: David P. Duncan

Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-10 LCS/LCSD were analyzed in place of MS/MSD.

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

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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

Duplicate

MS Matrix Spike

Dup

Report Approved By:

Date:

8/6/2007

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

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas

A Xenco Laboratories Company

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 23 of 23



ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN

P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (575) 394-2601

Receiving Date: 12/06/07

Reporting Date: 12/07/07

Project Owner: CHEVRON USA (200131)
Project Name: BRUNSON ARGO TB #6

Project Location: UL-F, SECT. 20, T22S, R3E

Sampling Date: 12/05/07

Sample Type: SOIL

DRO

Sample Condition: COOL & INTACT

Sample Received By: NF Analyzed By: BC/KS

LAB NUMBE	R SAMPLE ID	(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS D	ATE	12/07/07	12/07/07	12/06/07
H13861-1	NSW-1 (1')	<20.0	<20.0	<16
H13861-2	SSW-2 (1')	<20.0	<20.0	160
H13861-3	SSW-3 (1')	<20.0	<20.0	112
H13861-4	SSW-4 (1')	<20.0	<20.0	32

GRO

11100012 00112(1)	-20.0	-20.0	100
H13861-3 SSW-3 (1')	<20.0	<20.0	112
H13861-4 SSW-4 (1')	<20.0	<20.0	32
H13861-5 SSW-5 (1')	<20.0	<20.0	16
Quality Control	767	761	500
True Value QC	800	800	500
% Recovery	95.9	95.1	100
Relative Percent Difference	3.1	2.6	<0.1

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

Chemist (

Date

H13861 EPI

Environmental Plus, Inc.

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231

P.O. Box 1558, Eunice, NM 88231

LAB:

Company Name	Environmental Plus	s, Inc	·.						West 1		B	ill T	ō			17 - 27	A	NAL	YS	IS F	EQ	UES	T	
EPI Project Man	nager David P. Duncan																						П	П
Mailing Address	s P.O. BOX 1558					1				C	he	eVI	ron											
City, State, Zip	Eunice New Mexico	882	231			1						Total S	ri kill (a si											
EPI Phone#/Fax	c# 575-394-3481 / 575-	394-	260	1		1				100														
Client Company	Chevron USA											No.												- 1
Facility Name	Brunson Argo TB #	6				1																		
Location	UL-F, Sect. 20, T 22	2 S, F	3 3	E						Attn	: Bi	II A	nderson											
Project Referen	ce 200131					1				Р	.0.	Вох	1949											
EPI Sampler Na	me Sebastian Romero								Eu	nic	e, N	M 8	8231-1949											
		T	Г			MA	TRIX			PR	ESE	RV.	SAMPLI	NG										
LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	отнев:	ACID/BASE	ICE/COOT	отнев	DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (CI')	SULFATES (SO ₄ ")	Hd	TCLP	OTHER >>>	РАН		
113361 -	1 NSW-1 (1')	G	1			Х					Χ		05-Dec-07	10:35		Х	Х							
_	2 SSW-2 (1')	G	1			Х					Χ		05-Dec-07	10:55		Х	Х							
-	3 SSW-3 (1')	G	1			Х					Χ		05-Dec-07	11:15		Х	Х							
	4 SSW-4 (1')	G	1			Х					Χ		05-Dec-07	11:30		Х	Х							
	5 SSW-5 (1')	G	1			Х					Χ		05-Dec-07	12:40		Х	Х							
	6																							
	7																							
	8																							
	9																			L				
1	0																							
Sampler Relinquished: Relinquished by: Delivered by:	12/06/07 Time 070) Date 9/5 K (12/06/07 Samp (Y)	Rec		eles By; (1	el ab sta	A Y		Alecked			той	ES: I	esults to: ddund Please analyze soi It dduncan@envplo	l samples a			est c	onve	nieno	ce. E-	mail	resul	ts to D	David

Page 55 of 86



ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN

P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (575) 394-2601

Receiving Date: 12/12/07 Reporting Date: 12/12/07

Project Owner: CHEVRON USA (200131)
Project Name: BRUNSON ARGO TB #6

Project Location: UL-F, SECT. 20, T 22 S, R 3 E

Analysis Date: 12/12/07 Sampling Date: 12/11/07

Sample Type: SOIL
Sample Condition: COOL & INTACT

Sample Received By: CK

Analyzed By: HM

		CI ⁻
LAB NUMBER	SAMPLE ID	(mg/kg)
H13894-1	WSW-1 (3')	80
H13894-2	WSW-2 (3')	288
H13894-3	WSW-3 (4')	< 16
H13894-4	WSW-4 (3')	160
H13894-5	WSW-5 (4')	288
H13894-6	NSW-1 (3')	208
H13894-7	NSW-2 (4')	528
H13894-8	NSW-3 (3')	64
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percen	t Difference	< 0.1

METHOD: Standard Methods 4500-CI'B

Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

For the second s

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

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Formal

Cardinal

ANALYSIS REQUEST

ANALYSIS REQUEST

ANALYSIS REQUEST Page 56 of 86 NOTE: RUSH ORDER REQUESTED on Chlorides - E-mail results to David P. Duncan at HA9 <<< BHTO TCLP Hd SULFATES (SO₄*) × CHFOBIDES (CI.) × M2108 H9T E-mail results to: dduncan@envplus.net BTEX 8021B 14:35 14:38 14:40 14:32 14:34 14:37 14:42 TIME 14:30 SAMPLING 11-Dec-07 11-Dec-07 11-Dec-07 11-Dec-07 11-Dec-07 11-Dec-07 11-Dec-07 11-Dec-07 Eunice, NM 88231-1949 DATE dduncan@envplus.net Attn: Bill Anderson P.O. Box 1949 Chevron BIII To PRESERV. **STHER** ICE/COOF × × × × × × **VCID/BASE** OTHER: SLUDGE MATRIX CENDE OIL TIOS × × × × × × × × **MASTEWATER** яэтам дилояа Received By: Sample Cool & Intact Yes No Received By: UL-F, Sect. 20, T 22 S, R 3 E 575-394-3481 / 575-394-2601 # CONTAINERS **Eunice New Mexico 88231** Environmental Plus, Inc. G C G G G G G G (G) RAB OR (C) OMP. **Brunson Argo TB #6** 12/12/07 12/12/07 508 David P. Duncan David Robinson P.O. BOX 1558 Chevron USA SAMPLE I.D. 200131 WSW-1 (3') WSW-2 (3') WSW-3 (4') WSW-4 (3') WSW-5 (4') NSW-1 (3') NSW-2 (4') 8 NSW-3 (3') PI Project Manager **EPI Sampler Name** roject Reference Phone#/Fax# ompany Name ailing Address ient Company ty, State, Zip acility Name ampler Relinquished: LAB I.D. 712xga Relinquished by: ocation elivered by:



ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN

P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (575) 394-2601

Receiving Date: 12/12/07 Reporting Date: 12/13/07

Project Number: CHEVRON USA (200131)
Project Name: BRUNSON ARGO TB #6

Project Location: UL-F, SECT. 20, T 22 S, R 3 E

Sampling Date: 12/11/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: CK

Analyzed By: CK

GRO DRO (C_6-C_{12}) $(>C_{12}-C_{28})$ (mg/kg) (mg/kg)

LAB NUMBER SAMPLE ID

ANALYSIS DATE	12/12/07	12/12/07
H13894-1 WSW-1 (3')	<10.0	<10.0
H13894-3 WSW-3 (4')	<10.0	<10.0
H13894-5 WSW-5 (4')	<10.0	<10.0
H13894-6 NSW-1 (3')	<10.0	<10.0
H13894-8 NSW-3 (3')	<10.0	<10.0
Quality Control	487	443
True Value QC	500	500
% Recovery	97.4	88.6
Relative Percent Difference	<0.1	13.5

METHODS: TPH GRO & DRO: EPA SW-846 8015 M

Chemist



ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC.

ATTN: DAVID P. DUNCAN P.O. BOX 1558

EUNICE, NM 88231 FAX TO: (575) 394-2601

Receiving Date: 12/12/07

Reporting Date: 12/13/07

Project Number: CHEVRON USA (200131)

Project Name: BRUNSON ARGO TB #6

LAB NUMBER SAMPLE ID

Project Location: UL-F, SECT. 20, T 22 S, R 3 E

Sampling Date: 12/12/07

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: CK

Analyzed By: CK

GRO

DRO

 $(C_6 - C_{12})$

(>C₁₂-C₂₈)

(mg/kg)

(mg/kg)

ANALYSIS [DATE	12/13/07	12/13/07
H13902-1	SSW-1 (3')	<10.0	<10.0
H13902-2	SSW-2 (4')	<10.0	<10.0
H13902-3	SSW-3A (3')	<10.0	<10.0
H13902-4	SSW-4 (2')	<10.0	<10.0
Quality Cont	rol	487	443
True Value (QC	500	500
% Recovery		97.4	88.6
Relative Per	cent Difference	3.7	9.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M

Chemis

/2/13/07 Date

H13902T EPI



ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN

P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (575) 394-2601

Receiving Date: 12/12/07 Reporting Date: 12/12/07

Project Owner: CHEVRON USA (200131)
Project Name: BRUNSON ARGO TB #6

Project Location: UL-F, SECT. 20, T 22 S, R 3 E

Analysis Date: 12/12/07 Sampling Date: 12/12/07

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: CK

Analyzed By: KS

		CI
LAB NUMBER	SAMPLE ID	(mg/kg)
H13902-1	SSW-1 (3')	< 16
H13902-2	SSW-2 (4')	16
H13902-3	SSW-3A (3')	432
H13902-4	SSW-4 (2')	256
0 11 0 1-1		500
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percen	t Difference	< 0.1

METHOD: Standard Methods 4500-Cl'B

Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

emist /

Environmental Plus, Inc.

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231

P.O. Box 1558, Eunice, NM 88231

LAB:

CONTRACTOR OF THE PARTY OF THE	FAX: (505) 394-2601	CONTRACTOR OF THE PARTY OF THE																								
Company Name		nental Plus	, Inc	.								E	Bill 7	Го				A	NAL	YS	SR	EQ	UES	T		
EPI Project Man		Duncan										Tile .														
Mailing Address											6	.ne	evi	ron												
City, State, Zip		ew Mexico	882	231							- 8	1000	100													
EPI Phone#/Fax	# 575-394-3	3481 / 575-3	394-	260	1						ì															
Client Company	Chevron U	JSA																								
Facility Name	Brunson	Argo TB #6	6																							
Location	UL-F, Sec	t. 20, T 22	S, F	31	E						Attn	: Bi	II A	nderson												
Project Reference	ce 200131										Р	.0.	Box	1949												
EPI Sampler Nar	ne David Ro	binson								Eu	ınic	e, N	M 8	8231-1949												
							MA	TRIX			PR	ESE	RV.	SAMPLI	NG											
LAB I.D. H1390Z -	SAMPLE I.	D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	отнев	DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (CI')	SULFATES (SO₄⁼)	Hd	TCLP	OTHER >>>	РАН			
/ 1	SSW-1 (3')		G	1			Х					Х		12-Dec-07	9:30		Х	Х								
NAME AND ADDRESS OF THE OWNER, WHEN PERSON OF THE OWNER, WHEN	SSW-2 (4')		G	1			X					Х		12-Dec-07	9:35		Х									
3 3	SSW-3A (3')		G	1			X					Х		12-Dec-07	11:40		Х	Х								
4 4	SSW-4 (2')		G	1			Х					Х		12-Dec-07	11:47		Х	X								
5																L										
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Relinquished: Relinquished by: Delivered by:	uson 50e-	12/12/07 < Time .00 Date 5 .07 12/12/07 Sample Yes	Rece	A Int	90 By: (1)	ab sta		She	eckett	By:		NOT	ΓE: R	esults to: ddund USH ORDER REC @ envplus.net		n Chl		s - E	-mail	resu	lts to	Davi	id P.	Dunc	an at	



ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN

P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (575) 394-2601

Receiving Date: 12/13/07 Reporting Date: 12/13/07

Project Owner: CHEVRON USA (200131) Project Name: BRUNSON ARGO TB #6

Project Location: UL-F, SECT. 20, T 22 S, R 3 E

Analysis Date: 12/13/07 Sampling Date: 12/12/07 Sample Type: SOIL

Sample Condition: INTACT Sample Received By: MLB

Analyzed By: KS

		CI
LAB NUMBER	SAMPLE ID	(mg/kg)
H13905-1	ESW-1 (3')	656
H13905-2	ESW-2 (4')	< 16
H13905-3	ESW-3 (3')	608
H13905-4	ESW-4 (4')	224
H13905-5	ESW-5 (3')	496
H13905-6	BH-1 (5')	480
H13905-7	BH-2 (5')	976
H13905-8	BH-3 (5')	496
H13905-9	BH-4 (5')	864
H13905-10	BH-5 (5')	64
H13905-11	BH-6 (5')	512
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percen	t Difference	< 0.1

METHOD: Standard Methods 4500-Cl'B

Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

3100 Avenue O, Eunice, NM 88231 (505) 394-3481 FAX: (505) 394-2601

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form

Page 1 of 2

LAB:

Environmental Plus, Inc. Bill To	Recoived by:	Elinquished by:	O South	Compler Relinquished:	9/	-JO 10	,9 9	-2 8	:47	:13	-S 5	~ -4 4	-33	-7 2	H 13905-1 1	LAB I.D.		EPI Sampler Name	Project Reference	Location	Facility Name	Client Company	EPI Phone#/Fax#	City, State, Zip	Mailing Address	EPI Project Manager	Company Name
ico 88231 75-394-2601 75-394-	500m g	Da	18 18 18 18 18 18 18 18 18 18 18 18 18 1			BH-5 (5')	BH-4 (5')	BH-3 (5')	BH-2 (5')	BH-1 (5')	ESW-5 (3')	ESW-4 (4')	ESW-3 (3')	ESW-2 (4')	ESW-1 (3')	SAMPLE I.D.				UL-F, Sect.	Brunson Ar	Chevron US		Eunice New	P.O. BOX 1		Environme
CRUDE OIL SLUDGE OTHER:	Sample Cool & Intack Yes No	, 20 Régeived By:	. 1	2/13/07		-	G 1	G 1	G 1	G 1	G 1	G 1	G 1	G 1	G 1	# CONTAINERS		nson		R3	IB	A	81 / 575-394-2601	/ Mexico 88231	558	ıncan	ntal Plus, Inc.
ACID/BASE PRESERV. SAMPLING P.O. Box 1949 PRESERV. SAMPLING DATE TIME		1 00 1	220	The second second second second										×	×	SOIL CRUDE OIL SLUDGE											1 15 15 15 15 15 15 15 15 15 15 15 15 15
ANALYSIS REQUEST ANALYSIS REQUEST	dduncan@e			E-mail res		×	×	×	×	×	×	×	×			ACID/BASE ICE/COOL OTHER	DDESEDV	nice, NM 882	P.O. Box 1	Attn: Bill And					Chevro		Bill To
ANALYSIS REQUEST 14	Dyplus.net			ults to: ddunca		12-Dec-07	12-Dec-07	12-Dec-07	12-Dec-07	12-Dec-07	12-Dec-07	12-Dec-07	12-Dec-07	12-Dec-07	12-Dec-07	DATE	1		949	lerson	,				13		
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S - E-mail results to David P. Duncan at Released to Imagina: 6(29/2021 3:40:38 PM)	lorid	2 3. 2		net	4	×	×	×	×	×	×	×	×	×	×	TPH 8015M											
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Vid P. Duncan at Released to Imaging: 6(29/2021 3:40:88 PM)	0	7			120	-	\vdash	H		H	H	H	\vdash	 -	H				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							-	RE
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Released to Imaging: 6/29/2021 3:40:88 PM	ncan					H		-			H	\vdash	H	-			-			-				-			200
1	Rolonson	l to	Im	aai	na.	6/2	9/2	021	2.	10.	2.8	PM	_	H	H											-	

Environmental Plus, Inc.

3100 Avenue O, Eunice, NM 88231 (505) 394-3481 FAX: (505) 394-2601

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form

Marger David P. Duncan [Manager David P. Du	Receivered by:	OCD VIQUE	9/	26/2	019	10.	47.	13	4112				H 13400	LAB I.D.		EPI Sampler Name	Project Reference	Location	Facility Name	Client Company	EPI Phone#/Fax#	City, State, Zip	Mailing Address	EPI Project Manager	Company Name
Environmental Pilus, Inc. David P. Duncan P.O. BOX 1558 Eunice New Mexico 88231 575-394-3481 / 575-394-2801 Chevron USA Brunson Argo TB #6 UL-F, Sect. 20, T 22 S, R 3 E 200131 David Robinson MATRIX P.O. BOX 1949 Eunice, Inc. Bill Anderson P.O. BOX 1949 Eunice, Inc. Bill Anterson P.O. BOX 1949 Eunice, Inc. Bill Anters	W. 136	70	200	20	19	18	17	16	15	14	13	12		714		r Name	rence		ne e	any	/Fax#	Zip	ress	Manager	ame
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ARTITICE NUM 88231-1949 FOLD BOX 1949 FUNDER, NAM 88231-1949 FOLD BOX 1949 FO	& Inta	5	Word B										_					ω			601	31			ı. I
Attn: Bill Anderson P.O. Box 1949 Eunice, NM 88231-1949 Eunice, NM 88231-1949 Eunice, NM 88231-1949 Femali results to: dduncan@envplus.net Checked by: Actin: Bill Anderson P.O. Box 1949 Eunice, NM 88231-1949 Eunice, NM 88	Transaction 1 1 1/2	3	¥										L	GROUND WATER											
Attn: Bill Anderson P.O. Box 1949 Eunice, NM 88231-1949 Eunice, NM 88231-1949 Eunice, NM 88231-1949 Time Time	S sta	W												WASTEWATER											Ц
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Attn: Bill Anderson P.O. Box 1949 Eunice, NM 88231-1949 PRESERV. SAMPLING X OTHER ACID/BASE ICE/COOL OTHER X 12-Dec-07 15:30 BTEX 8021B TPH 8015M X CHLORIDES (CI) SULFATES (SO ₄ C) PH TCLP OTHER NOTE: RUSH ORDER REQUESTED on Chlorides - E-mail results to David P. Duncan at dumcan @ envplus.net	56	5												CRUDE OIL	R										
ARLLYSIS REQUEST Chevron Attn: Bill Anderson P.O. Box 1949 PRESERV. SAMPLING DATE TIME 12-Dec-07 15:30 BTEX 8021B X TPH 8015M X CHLORIDES (CI) SULFATES (SO ₄ *) PH TCLP OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER PAH	acked	6												SLUDGE											
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ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN

P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (575) 394-2601

Receiving Date: 12/12/07 Reporting Date: 12/12/07

Project Owner: CHEVRON USA (200131)

Project Name: BRUNSON ARGO TB #6

Project Location: UL-F, SECT. 20, T 22 S, R 3 E

Analysis Date: 12/12/07

Sampling Date: 12/11/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: CK

Analyzed By: HM

		CI
LAB NUMBER	SAMPLE ID	(mg/kg)
H13894-1	WSW-1 (3')	80
H13894-2	WSW-2 (3')	288
H13894-3	WSW-3 (4')	< 16
H13894-4	WSW-4 (3')	160
H13894-5	WSW-5 (4')	288
H13894-6	NSW-1 (3')	208
H13894-7	NSW-2 (4')	528
H13894-8	NSW-3 (3')	64
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percen	t Difference	< 0.1

METHOD: Standard Methods 4500-CIB

Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

2100 Avenue O, Eunice, NM 88231

(505) 394-3481 FAX: (505) 394-2601

Environmental Plus, Inc.

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form

LAB:

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Company Name	Environmental Plus	s, Inc	.								E	Bill 7	Го				Α	NAI	LYS	IS F	REQ	UES	T	
EPI Project Mana	ager David P. Duncan														Г	Г	П	Г	П			П	П	\Box
Mailing Address	P.O. BOX 1558									(.he	evi	ron											
City, State, Zip	Eunice New Mexico	882	231							- 1	00	Book .								ı				
EPI Phone#/Fax	# 575-394-3481 / 575-	394-	260	1						- 1														
Client Company	Chevron USA																		ı					
Facility Name	Brunson Argo TB #	6															ı							
Location	UL-F, Sect. 20, T 22	2 S, F	331							Attn	: Bi	II A	nderson											
Project Reference	ce 200131									P	.0.	Вох	1949											
EPI Sampler Nar	ne David Robinson								Eu	ınic	e, N	M 8	8231-1949											
		Τ.				MA	TRIX			PR	ESE	RV.	SAMPLI	NG				1						
LAB I.D. #1389√ -	SAMPLE I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	отнея	DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (CI')	SULFATES (SO₄¯)		TCLP	OTHER >>>	РАН		
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2 2	WSW-2 (3')	G	1			Х					Х		11-Dec-07	14:32			Х							
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	WSW-5 (4')	G	1			Х					Х		11-Dec-07	14:37		Х	Х							
	NSW-1 (3')	G	1			Х					Х		11-Dec-07	14:38		Х	Х			L		Ш		\sqcup
THE RESERVE THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.	NSW-2 (4')	G	1			Х					Х		11-Dec-07	14:40			Х		L			Ш		\vdash
8 8	NSW-3 (3')	G	1			Х					Х		11-Dec-07	14:42		Х	Х							\sqcup
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Received By: (lab staff) Relinguished by: 805 12/12/07 Delivered by: Checked By: Sample Cool & Intact Yes

12/12/07

Received By:

NOTE: RUSH ORDER REQUESTED on Chlorides - E-mail results to David P. Duncan at dduncan@envplus.net

E-mail results to: dduncan@envplus.net

Released to Imaging: 6/29/2021 3:40:38 PM

Sampler Relinquished:



ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN

P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (575) 394-2601

Receiving Date: 12/14/07 Reporting Date: 12/14/07

Project Owner: CHEVRON USA (200131)
Project Name: BRUNSON ARGO TB #6

Project Location: UL-F, SECT. 20, T 22 S, R 3 E

Analysis Date: 12/14/07 Sampling Date: 12/13/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: NF

Analyzed By: HM

	Cl
LAB NUMBER SAMPLE ID	(mg/kg)
H13913-1 SSW-3B (3')	80
, , , , , , , , , , , , , , , , , , ,	
Quality Control	500
True Value QC	500
% Recovery	100
Relative Percent Difference	< 0.1

METHOD: Standard Methods 4500-Cl⁻B

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

Chemist

Relea											1 -03	Checked By	Chec			o CI	& Inta	Cool	Samphe Cool & Intact (Yes) No	Receivered by:
	E-mail results to David P. Duncan at	/id P. D	o Dav	sults	ail re	Ē.	UESTED -	NOTE: RUSH ORDER REQUESTED - dduncan@envplus.net	TE: F	ddu No	1 /	And the second	FT	2	()		12/14/07	ed beau Man Del
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						-		Eunice, NM 88231-1949	× ×	e, l	ĮĔ.	_							David Robinson	EPI Sampler Name
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											Bertania								Chevron USA	Client Company
								\			SELECTION A					l –	260	94-	575-394-3481 / 575-394-2601	EPI Phone#/Fax#
									Y								13	88231	Eunice New Mexico	City, State, Zip
								nevron		15									P.O. BOX 1558	Mailing Address
										Ma.									er David P. Duncan	EPI Project Manager
IEST	REQUEST	ANALYSIS	VAL	A				То	Bill To								'	Inc.	Environmental Plus,	Company Name
												Ì		Ì					FAX: (575) 394-2601	(575) 394-3481 FA
Cardinal	Car		LAB:	_						231	188	, N	nice	P.O. Box 1558, Eunice, NM 88231	558	ox 1). B	P.C	unice, NM 88231	3100 Avenue O, Eunice, NM 88231
Chain of Custody Form	Cusi	in of	ha																Environmental Plus, Inc.	Environm
Page 1 of 1																				86



ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC.

ATTN: DAVID P. DUNCAN

P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (575) 394-2601

Receiving Date: 12/13/07 Reporting Date: 12/13/07

Project Owner: CHEVRON USA (200131)
Project Name: BRUNSON ARGO TB #6

Project Location: UL-F, SECT. 20, T 22 S, R 3 E

Analysis Date: 12/13/07 Sampling Date: 12/13/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: NF

Analyzed By: HM

		CI
LAB NUMBER	SAMPLE ID	(mg/kg)
H13912-1	NSW-2B (3')	176
H13912-2	WSW-2B (3')	400
H13912-3	WSW-5B (3')	160
H13912-4	NSW-1 (3')	128
H13912-5	WSW-1 (3')	160
H13912-6	SSW-1 (3')	1,010
H13912-7	ESW-1 (3')	848
H13912-8	BH-1 (5')	384
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percen	t Difference	< 0.1

METHOD: Standard Methods 4500-CIB

Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

Environmental Plus, Inc. \$100 Avenue O, Eunice, NM 88231 (575) 394-3481 FAX: (575) 394-2601

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form

LAB:

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Company Name	Environmental Plus,	Inc	•						¥7.			ВIII То	Го				2	A	YS.	ANALYSIS REQUEST	E	UE	ST			1000
EPI Project Manager	David P. Duncan		l							.	ż)														
Mailing Address	P.O. BOX 1558											Œ														
City, State, Zip	Eunice New Mexico 88231	882	31									1													_	
EPI Phone#/Fax#	575-394-3481 / 575-394-2601	94-2	260	_						307 L																
Client Company	Chevron USA											7														
Facility Name	Brunson Argo TB #6																									
Location	UL-F, Sect. 20, T 22 (S, R	3 E	' '						₽	3. B	=	Attn: Bill Anderson													
Project Reference	200131									_	Ö	Во	P.O. Box 1949								***************************************				-	
EPI Sampler Name	David Robinson								틴) Jnic	e, N	MIN 8	Eunice, NM 88231-1949													
		·.				MA:	MATRIX			PF	€SE	PRESERV.	SAMPLING	G												
LAB l.D.	SAMPLE I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (CI')	SULFATES (SO₄ ⁼)	рН	TCLP	OTHER >>>	PAH				<u> </u>
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ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN

P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (575) 394-2601

Receiving Date: 12/13/07 Reporting Date: 12/13/07

Project Owner: CHEVRON USA (200131)
Project Name: BRUNSON ARGO TB #6

Project Location: UL-F, SECT. 20, T 22 S, R 3 E

Analysis Date: 12/13/07 Sampling Date: 12/12/07 Sample Type: SOIL

Sample Condition: INTACT Sample Received By: MLB

Analyzed By: KS

		CI
LAB NUMBER	SAMPLE ID	(mg/kg)
H13905-1	ESW-1 (3')	656
H13905-2	ESW-2 (4')	< 16
H13905-3	ESW-3 (3')	608
H13905-4	ESW-4 (4')	224
H13905-5	ESW-5 (3')	496
H13905-6	BH-1 (5')	480
H13905-7	BH-2 (5')	976
H13905-8	BH-3 (5')	496
H13905-9	BH-4 (5')	864
H13905-10	BH-5 (5')	64
H13905-11	BH-6 (5')	512
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percen	t Difference	< 0.1

METHOD: Standard Methods 4500-Clb

Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

Environmental Plus, Inc.

3100 Avenue O, Eunice, NM 88231 (505) 394-3481 FAX: (505) 394-2601

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form

LAB:

Recollivered by:	ved by inquished by:	100 Jan 2 20	ampler Relinquished:	9/2	- 10 10 BH-5 (5')	ρ 9 BH-4 (5')	-√ 8 BH-3 (5')	.47 — 7 BH-2 (5')		√ -5 5 ESW	4 ESW-4 (4')	-3 3 ESW	- 7 2 ESW	H 13905-1 1 ESW	LAB I.D.		EPI Sampler Name	Project Reference	Location	Facility Name	Client Company	EPI Phone#/Fax#	City, State, Zip	Mailing Address	EPI Project Manager	Company Name
Sam	$\frac{\text{Date}_{K}(Z)}{2(2)}$	145.44 NOSON	12/13/07		(5')	(5')	(5')	(5')	(5')	ESW-5 (3')	-4 (4')	ESW-3 (3')	ESW-2 (4')	ESW-1 (3')	SAMPLE I.D.		David Robinson	200131	UL-F, Sect. 20, T 22	Brunson Argo TB :	Chevron USA	575-394-3481 / 575-394-2601	Eunice New Mexico 88231	P.O. BOX 1558	David P. Duncan	Environmental Plus,
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Environmental Plus, Inc.

3100 Avenue O, Eunice, NM 88231 (505) 394-3481 FAX: (505) 394-2601

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form

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Company Name	Environmental Plus, Inc.	, Inc.			-	3070						BIII To	То	To and a second			A	A	.YS	ANALYSIS REQUEST	REC	UE	ST			energy.
EPI Project Manager	David P. Duncan				L					4		11	H 4 - 400, H 400													
Mailing Address	P.O. BOX 1558				L					W P		nevro	3													
City, State, Zip	Eunice New Mexico 88231	8823																								
EPI Phone#/Fax#	575-394-3481 / 575-394-2601	394-26	601							SI E																
Client Company	Chevron USA									Bassa																
Facility Name	Brunson Argo TB #6	6																								
Location	T 22	S, R	3 E							Attr	3 3	ii A	Attn: Bill Anderson													
Project Reference	200131									77	Ö	Во	P.O. Box 1949													
EPI Sampler Name	David Robinson								ш	inic	e, P	M	Eunice, NM 88231-1949													
			\vdash			MAT	MATRIX			PF	ESE	PRESERV.	SAMPLING	ıG												
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LAB I.D.	SAMPLE I.D.	(G)RAB OR (# CONTAINE	GROUND WA	WASTEWAT	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES	SULFATES (рН	TCLP	OTHER >>>	PAH				
14 13906-1/H BH-	BH-6 (5')	G	_	Ц	Ш	×					×		12-Dec-07	15:30		×	×									
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Sampler Relinquished:	12/13/07	Received By:	e B Z	· · ·	N	5	2000	0			m H	nail	E-mail results to: dduncan@envplus.net	an@envpl	us.r	e									naci	nugii
d by:		Received By:	ed By		(lab staff	2		. 1		-																U I
ed Cuesta IZ	5/7/4.0 12/1:	6	5	4.1	3	O	3 6	Chacked By	R K		ddu	TE: F	NOTE: RUSH ORDER REQUESTED on Chlorides - E-mail results to David P. Duncan at dduncan@envplus.net	JESTED on	울	orides	ω γ	-mail	resu	ilts to	Dav	/id P.	Dun	can a	≖ ased t	iseu l
Rece	Sample Yes	Sample Cool & Intact	No	4			9		į																Rala	neiel

Page 73 of 86



ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN

P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (575) 394-2601

Receiving Date: 12/14/07 Reporting Date: 12/17/07

Project Owner: CHEVRON USA (200131)
Project Name: BRUNSON ARGO TB #6

Project Location: UL-F, SECT. 20, T 22 S, R 3 E

Analysis Date: 12/17/07 Sampling Date: 12/14/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: NF

Analyzed By: HM

		CI ⁻
LAB NUMBER S	SAMPLE ID	(mg/kg)
H13928-1	SSW-2C (3')	< 16
Appendix and a second a second and a second		
	F1(9) - 2	
	1000	
Quality Control		510
Quality Control		
True Value QC		500
% Recovery		102
Relative Percent D	Difference	2.0

METHOD: Standard Methods 4500-CIB

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

Chemist

Date

Environmental Plus, Inc.

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

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form

LAB:

Cardinal

Receivered by:	ved ballinquistied by:	John Mill	Compley Relinquished:	9/2	6/2	01 9	10	:47	:13	Al	1			113928 I	LAB I.D.		EPI Sampler Name	Project Reference	Location	Facility Name	Client Company	EPI Phone#/Fax#	City, State, Zip	Mailing Address	EPI Project Manager	Company Name
	12	WARL	12		10	9	8	7	6	<u>5</u>	4	3	2	1 SSW-2C (3')	SAMPLE I.D.		ame David Robinson	nce 200131	UL-F, Sect. 20, T 22	Brunson Argo	y Chevron USA		Eunice New Mexico 88231	s P.O. BOX 1558	nager David P. Duncan	e Environmental Plus,
Sample Cool & Intact Yes No	12/14/07 Received by	Worke	12/14/07 Received By:											G 1	(G)RAB OR (C)OMP. # CONTAINERS		on), T 22 S, R 3 E) TB #6		575-394-3481 / 575-394-2601	lexico 88231	8	an	I Plus, Inc.
ot (y (lab stall)	14	, ×												GROUND WATER WASTEWATER											
Chec	Two L	West !												×		MATRIX										
Checked By:										_					SLUDGE OTHER:		Eu		,							
						Ш		Ш							ACID/BASE	PRE	Eunice, NM 882	פּ	Ħ		A	74				
	NOTE: RUSH		E-mail resul		Ц	L		Ц	Ц					×	ICE/COOL	PRESERV.	,, N	0	<u>B</u>				V	hevro	Δ.	B
	:: RU		ail re					Ц							OTHER	<u> </u>	88 ≥	οx	Ρ					Y		Bill To
	NOTE: RUSH ORDER REQUESTED -		sults to: dduncan@envplus.net											14-Dec-07	DATE	SAMPLING	3231-1949	P.O. Box 1949	Attn: Bill Anderson					S S		0
			an@envp											14:45	TIME	นด										
	E-ma		lus.r												BTEX 8021B					-			-	- 1		
	ail res		let												TPH 8015M											
	ults t													×	CHLORIDES (CI')											A
	o Da														SULFATES (SO ₄ =)											NAL
	vid P														рН											ΥS
	Dur														TCLP											SR
	E-mail results to David P. Duncan at														OTHER >>>											ANALYSIS REQUEST
	at														PAH											E
																										TS
Relea	ised to	In	ıagi	ng:	6/2	9/2	021	3:4	<i>(0:</i> :	8 1	PM												-			



ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN

P.O. BOX 1558 EUNICE, NM 88231

FAX TO: (575) 394-2601

Receiving Date: 12/18/07

Reporting Date: 12/19/07
Project Owner: CHEVRON USA (200131)

Project Name: BRUNSON ARGO TB #6

Project Location: UL-F, SECT. 20, T 22 S, R 3 E

Analysis Date: 12/19/07

Sampling Date: 12/18/07

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML

Analyzed By: HM

		CI
LAB NUMBER	SAMPLE ID	(mg/kg)
H13949-1	BH-1B (8' -SE)	672
H13949-2	BH-1B (7' -NE)	160
H13949-3	BH-2B (7' -NE)	400
H13949-4	BH-3B (7' -NE)	336
H13949-5	BH-4B (7' -NE)	944
H13949-6	BH-5B (7' -NE)	224
H13949-7	BH-6B (7' -NE)	528
3		
Quality Control		500
True Value QC		500
% Recovery	100	
Relative Percen	t Difference	< 0.1

METHOD: Standard Methods 4500-CIB

Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

Date

Environmental Plus, Inc.

FAX: (575) 394-2601 2300 Avenue O, Eunice, NM 88231 \$ 5) 394-3481

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Formal ANALYSIS REQUEST

ANALYSIS REQUEST

ANALYSIS REQUEST Page 76 of 86 H∀d OTHER >>> TCLP Hd SULFATES (SO₄") CHFORIDES (CL) × × M2108 H9T E-mail results to: dduncan@envplus.net BTEX 8021B 13:45 14:06 14:02 14:04 14:08 14:10 14:00 TIME SAMPLING 18-Dec-07 18-Dec-07 18-Dec-07 18-Dec-07 18-Dec-07 18-Dec-07 18-Dec-07 Eunice, NM 88231-1949 DATE Attn: Bill Anderson P.O. Box 1949 Bill To PRESERV. **NER** ICE\COOF × × × × × × ACID/BASE :A3HTO STUDGE MATRIX CKNDE OIL × × × SOIF Received By: (lab staf *ABTAWBT2AW* We the язтам диџояр 及る。 Received By: 575-394-3481 / 575-394-2601 Eunice New Mexico 88231 # CONTAINERS Environmental Plus, Inc. O O O U 0 O Ü (G)RAB OR (C)OMP. UL-F, Sect. 20, T 22 S, Brunson Argo TB #6 4.20pm Time 12.55 12/18/07 David P. Duncan David Robinson P.O. BOX 1558 Chevron USA SAMPLE I.D. 200131 2 BH-1B (7-NE) BH-2B (7'-NE) 4 BH-3B (7'-NE) 5 BH-4B (7'-NE) 6 BH-5B (7'-NE) 7 BH-6B (7'-NE) BH-1B (8'-SE) Project Manager EPI Sampler Name pject Reference | Phone#/Fax# Company Name Rilling Address ∞ ent Company y, State, Zip Pollity Name ampler Relinquished LABID. 7 Relinquished by: cation

OTE: RUSH ORDER REQUESTED - E-mail results to David P. Duncan at

dduncan@envplus.net

Sample Cool & Intakt

12/18/07

Delivered by:

APPENDIX III SOIL BORING LOGS

					L	.og []f Tes	t Borings (NOTE - Page 1 of 1)
ıl.		_		_			Projec	t Number: 200131
=	=	FNVI	RONMEN	ITAL - TING AN	LUS, II	NC.	Projec	t Name: Chevron - Brunson Argo Tank Battery #6
	7	REM FI	EDIAL (CONSTRU NEW MEX	ICTION		Locatio	n: UL-F, Section 10, Township 22 South, Range 37 East
		_,	505-39	94-3481	NIOL .]	Boring N	Number: SB6-1 Surface Elevation: 3,405-feet amsl
	a) a	Recovery (inches)	1re	sgu	ak Sis (g)	os.	53	Start Date: 4-27-07 Time: 1245 hrs
Time	Sample Type	V O D	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Depth (feet)	Completion Date: 4-27-07 Time: 1900 hrs
	0	%;∋	Σ	R -	2,4,2	20		Description
								_
1255	DC		little	.4	400		+	2' SAND, Red
							5	
1306	SP	6	little	10	800		+	5' CALICHE
							-	_
								_
								_
1353	SP	4	dry	600	320		10	10' SANDSTONE, Reddish
								very hard
							_	_
1443	SP	3	dry	3.8	480		15	15' SANDSTONE, Reddish
1445	31		ur y	3.0	100		+	
								_
							20	
1630	SP	4	dry	4.8	640		+	20' SANDSTONE, Reddish - very hard
1845							-	End of Soil Boring at 21' bgs Refusal
							<u> </u>	_
							25	
							<u> </u>	_
							-	_
							30	
								_
Date	Wate		Meas	urement Casing	s (fee Cave-i		iter Dr	rilling Method: Auger
-	-	. D	epth –	Depth -	Depth -	Le	evel 🗀	ackfill Method: Bentonite

Field Representative:

 GB

ived by O	CD: 9/2	26/201	19 10:4	7:13 AN	1					Page 7
					L	.og l	∏f Test	Boring	s	(NOTE - Page 1 of 1)
	E	REME EUN	CONSUL DIAL C NICE, N	TAL F TING AN CONSTRU NEW MEX 14-3481	CTION	_			Chevron - Brunso , Section 10, Townsh	n Argo Tank Battery #6 hip 22 South, Range 37 East te Elevation: 3,405-feet ams
Time	Type	(inches)	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Depth (feet)		Start Date: 4-30-0 Completion Date: 4 Description	
0715 I	DC	!	little	608	400				2, SAV	ID, Red
0730 S	SP 92	6	dry	0	160		5		5′ CA	LICHE
0805	SP	6	dry	0	160		10		10' SANDSTI	— □ □NE/Caliche
									End of Soil Bo	ring at 11' bgs
							——15 — —			_ _ _
							20			_ _ _ _
										_ _ _
							——25 ——			- - -
							30			- - -
					s (feet					

L											
I	Water Level Measurements (feet)							Ι,	D1111 M±11. A		
ſ	Date	Tim				Cave-i		er L	Jr	lling Method: Auger	
L			De	epth	Depth	Depth	ı Lev	rel .	n -	-I.Cill Mathaul. Booton	NI+ a
	-	_		-	-	-	_		Rơ	ckfill Method: Bentor	lite
	-	_		-	-	-	_		-!_	Ial Danisania di CD	
									· ie	ld Representative: GB	

Log 🛮 f	Test	Borings
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(NOTE - Page 1 of 1)



ENVIRONMENTAL PLUS, INC.

CONSULTING AND

REMEDIAL CONSTRUCTION

EUNICE, NEW MEXICO

505-394-3481

Project Number: 200131

Project Name: Chevron - Brunson Argo Tank Battery #6

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

Boring Number: SB6-3 Surface Elevation: 3.405-feet amsl

			505-39	94-3481	VICI	F	Boring N	lumber:	SB6-3 Surface Elevation: 3,405-feet amsl
Time	Sample Type	Recovery (inches)	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Depth (feet)		Start Date: 4-30-07 Time: 0845 hrs Completion Date: 4-30-07 Time: 1440 hrs Description
0855	DC		little	0	160		_		2' SAND/Caliche, Red
0910	SP	6	little	0	880		5 		5' CALICHE
0940	SP	6	dry	0	1,200		10		10' CALICHE
							- - -		dense — — —
1021	SP	4	dry	0	900		——15 ——		15' CALICHE/Sandstone very dense —
1202	SP	4	dry	0	1,600		20		20' SANDSTONE, White
1400	DC	lost	dry	0	480		25 		25' Refusal - collected drill cutting End of Soil Boring at 26' bgs —
D. I	Wate				s (feet		30	rilling Me	thod: Auger
Date -	Tim	De	ample epth -	Casing Depth -	Cave-i Depth -	ı L∈	Vel -	ackfill Me	-
				-	_				

Field Representative:

GB

Log 🛛 🖯	` Test	Borings
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(NOTE - Page 1 of 1)



ENVIRONMENTAL PLUS, INC.

CONSULTING AND

REMEDIAL CONSTRUCTION

EUNICE, NEW MEXICO

505-394-3481

Project Number: 200131

Project Name: Chevron - Brunson Argo Tank Battery #6

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

Boring Number: SB6-4 Surface Elevation: 3,405-feet amsl

-11			505-39	94-3481	VICI	i	Boring	Number	SB6-4 Surface Elevation: 3,405-feet amsl
	a, a,	Recovery (inches)	re	gs)	de sis g>	<u> </u>	£5	:	Start Date: 5-1-07 Time: 0700 hrs
Time	Sample Type	Co C	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Jepth (feet)	;	Completion Date: 5-1-07 Time: 1230 hrs
'	Sc	Re (inc	ΜOi	Rec	AP Pr	IJώ] Ā		Description
									·
									_
0715	DC		little	600	480				2' SAND, Red
								5	
0725	SP	6	little	300	800			1	5' CALICHE
									_
								40	_
0800	SP	6	dry	30.1	1,200			10	10' CALICHE/Sandstone
									dense
									_
									_
									_
0843	SP	6	dry	0	1,680			15	15' SANDSTONE. White
	<u> </u>		J ,	-	.,				_
									_
									-
									_
0953	SP	4	dry	0	1,040			20	20' SANDSTONE, White
0,00	0.	•	J 011 y	-	2,0 10		+		very hard
									-
									-
1158	SP	3	dry	0	160			25	25' ROCK, White - solid
1130	31		ur y		100		+		End of Soil Boring at 26' bgs
									refusal
									-
							<u> </u>		_
								30	-
							\vdash		_
	Wate	r Leve	l el Meas	 urement	s (feet	;)		<u> </u>	
Date	Tim	e So	ample	Casing Depth	Cave-i Depth	n W	ater	Drilling Me	thod: Auger
_	+-	, n	epth -	neh ru	- nsh tu	+-	_evel _	Backfill Me	ethod: Bentonite
_	_		_	_	_		_		

Field Representative:

GB

Received by OCD: 9/26/2019 10:47:13 AM_ Log Of Test Borings (NOTE - Page 1 of 1) Project Number: 200131 ENVIRONMENTAL PLUS, INC. Project Name: Chevron - Brunson Argo Tank Battery #6 CONSULTING AND REMEDIAL CONSTRUCTION UL-F, Section 10, Township 22 South, Range 37 East Location: EUNICE, NEW MEXICO 505-394-3481 Boring Number: SB5-5 Surface Elevation: 3,405-feet amsl Recovery (inches) PID Readings (ppm) Chloride Analysis (mg/Kg) Moisture Start Date: <u>4-30</u>-07 Time: 1500 hrs Time Completion Date: 4-30-07 Time: <u>1730</u> hrs Description 2' SAND/Caliche 1515 DC little 0 160 -5 5' SANDSTONE, Red 1545 SP 6 dry 0 160 Rock -10 10' SANDSTONE - very dense 1705 SP 3 0 160 dry End of Soil Boring at 11' bgs -15 -20

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

-25

30

APPENDIX IV

INFORMATION AND METRICS FORM INITIAL NMOCD FORM C-141

Incident Date: NMOCD Notified: Historical Historical Information and Metrics **Assigned Site Reference:** EPI Reference #200131 **Site:** Brunson Argo Tank Battery #6 **Company:** Chevron North America – Exploration and Production Company Street Address: 2401 Avenue O Mailing Address: P.O. Box 1949 City, State, Zip: Eunice, New Mexico 88231 Representative: Bill A. Anderson **Representative Telephone:** (505) 394-1237 (office) **Telephone:** (505) 441-5438 (cellular) Fluid volume released (bbls): Historical Recovered (bbls): Historical >25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days. (Also applies to unauthorized releases >500 mcf Natural Gas) 5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas) Leak, Spill, or Pit (LSP) Name: Brunson Argo Tank Battery #6 **Source of contamination:** Historical spills from decommissioned Tank Battery Land Owner, i.e., BLM, ST, Fee, Other: Priscilla Brunson Moody (c/o Charles James Moody) **LSP Dimensions:** ~ 59 feet by 180 feet **LSP Area:** ~10,600 ft² **Location of Reference Point (RP):** Location distance and direction from RP: Latitude: N 32° 24' 32.09" **Longitude:** W 103° 09' 13.11" Elevation above mean sea level: 3,405 feet **Feet from South Section Line: Feet from East Section Line:** Location- Unit or 1/41/4: SE1/4 of the NW1/4 **Unit Letter:** F **Location- Section:** 10 Location- Township: 22 South **Location- Range:** 37 East Surface water body within 1000 'radius of site: none **Domestic water wells within 1000' radius of site:** one (1) (USGS #5) Agricultural water wells within 1000' radius of site: none Public water supply wells within 1000' radius of site: none Depth from land surface to groundwater (DG): ~ 66 feet **Depth of contamination (DC):** unknown **Depth to groundwater** (DG - DC = DtGW): unknown 2. Wellhead Protection Area 1. Groundwater 3. Distance to Surface Water Body If Depth to GW <50 feet: 20 points If <1000' from water source, or;<200' from <200 horizontal feet: 20 points If Depth to GW 50 to 99 feet: 10 points private domestic water source: 20 points 200-1000 horizontal feet: 10 points If >1000' from water source, or; >200' from If Depth to GW > 100 feet: 0 points >1000 horizontal feet: 0 points private domestic water source: 0 points Site Ranking (1+2+3) = 10+20+0=30**Total Site Ranking Score and Acceptable Concentrations** Parameter >19 10-19 0-9 Benzene¹ 10 ppm 10 ppm 10 ppm BTEX¹ 50 ppm 50 ppm 50 ppm TPH 100 ppm 1,000 ppm 5,000 ppm ¹100 ppm field VOC headspace measurement may be substituted for lab analysis

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

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised October 10, 2003

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

Release Notification and Corrective Action OPERATOR Initial Report Final Report Name of Company: Chevron North America Contact: Bill A. Anderson Address: P.O. Box 1949, Eunice, NM 88231 Telephone No.: (505) 394-1237 Facility Name: Brunson Argo Tank Battery #6 Facility Type: Decommissioned Tank Battery Surface Owner: Ms. Priscilla Mineral Owner: API No.: Brunson Moody (c/o Charles James Moody) LOCATION OF RELEASE North/South Line Unit Letter Section Township Range Feet from the Feet from the East/West Line County F 10 228 37F Lea Latitude: N32° 24' 32.09" Longitude: W103° 09' 13.11" NATURE OF RELEASE Type of Release: Historical Volume of Release: N/A Volume Recovered: N/A Source of Release: Historical releases from decommissioned Tank Date and Hour of Occurrence: Date and Hour of Discovery: Battery Was Immediate Notice Given? If YES, To Whom? ☐ Yes ☐ No ☒ Not Required N/A By Whom? N/A Date and Hour: N/A Was a Watercourse Reached? If YES, Volume Impacting the Watercourse: ☐ Yes ⊠ No 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. OIL CONSERVATION DIVISION Approved by District Supervisor: Printed Name: Bill A. Anderson Title: HES Champion **Expiration Date:** Approval Date: E-mail Address: BillyAnderson@chevron.com Conditions of Approval: Attached

Phone: (505) 394-1237

^{*} Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 1547

CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	1547
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

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