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REPORTS

DATE:

9/99 - MLW



Safety & Environmental

Solutions, Inc.

Chevron USA

**Dynegy – Monument Site
Monitor Well Report
Lea County, New Mexico**

September 28, 1999

*Safety & Environmental Solutions, Inc.
703 E. Clinton Suite 103
Hobbs, New Mexico 88240
(505) 397-0510*

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I. Background

The subject property is located in Lea County approximately 5 miles southwest of Monument, New Mexico. Mr. James Cooper currently owns the surface rights of the property and the mineral rights are under lease to Chevron. The property has been the site of condensate/liquid product leaks from a pipeline previously operated by Warren Petroleum as well as an abandoned burn pit associated with an abandoned Conoco tank battery.

Safety & Environmental Solutions, Inc. (SESI) performed sampling and data collection on the six (6) ground water monitor wells at the site (See Vicinity Map). The casing size in all wells is 2".

II. Work Performed

SESI environmental technician Dee Whatley arrived at the site on September 23, 1999. Ground water samples were taken from each well after hand bailer was used to develop the wells. Three to five casing volumes of water were removed from each well until pH and temperature of the water were stabilized. The development water was stored in a 400-gallon drum under the custody of Safety & Environmental Solutions, Inc. for disposal upon completion of analytical testing. The samples were obtained and placed in appropriate containers, preserved and transported under chain of custody to Cardinal Laboratories of Hobbs, New Mexico for analysis. (See Analytical Data)

In addition to the sampling, SESI also measured the depth to the top of the water table and the total depth of each well. The depth to the top of ground water was measured using a Solinst water level indicator. The total depth of each well was measured in order to compute the proper casing volumes. A summary of this data follows:

ID	Date	Depth to Water	Total Well Depth	Free Product Thickness
MW – 1	9/23/99	36.89'	49.00'	0.00
MW – 2	9/23/99	36.00'	45.75'	0.00
MW – 3	9/23/99	35.78'	46.93'	0.00
MW – 4	9/23/99	36.17'	37.63'	0.00
MW – 5	9/23/99	36.06'	44.90'	0.00
MW – 6	9/23/99	36.40'	43.25'	0.00

III. Analytical Results

The analysis of the groundwater samples performed by Cardinal Laboratories are summarized as follows:

Contaminant	WQCC Standard	MW #1	MW #2	MW #3	MW #4	MW #5	MW #6
Chloride	250.0 ppm	2251ppm	1267ppm	1095ppm	1612ppm	2139ppm	933ppm
Fluoride	1.6 ppm	1.76ppm	1.85ppm	1.74ppm	1.68ppm	1.88ppm	1.94ppm
Lead	0.05 ppm	.34ppm	.21ppm	.18ppm	.20ppm	.27ppm	.16ppm
Manganese	0.2 ppm	.24ppm	.48ppm	.24ppm	.71ppm	.57ppm	<0.2ppm
Silver	0.05 ppm	<0.05 ppm	<0.05 ppm	<0.05 ppm	<0.05 ppm	<0.05 ppm	<0.05 ppm
Sulfate	600 ppm	2628ppm	874ppm	971ppm	1088ppm	2259ppm	501ppm
TDS	1000 ppm	7740ppm	4270ppm	3930ppm	5190ppm	8230ppm	2640ppm
pH	> 6 & <9	7.36	7.38	7.23	7.30	7.10	7.32
TPH	N/A	<1.0ppm	10.3ppm	2.52ppm	2.76ppm	2.90ppm	2.66ppm
Benzene	0.01 ppm	<.002ppm	<.002ppm	<.002ppm	<.002ppm	<.002ppm	<.002ppm
Toluene	0.75 ppm	<.002ppm	<.002ppm	<.002ppm	<.002ppm	<.002ppm	<.002ppm
Ethyl Benzene	0.75 ppm	<.002ppm	<.002ppm	<.002ppm	<.002ppm	<.002ppm	<.002ppm
Total Xylenes	0.62 ppm	<.006ppm	<.006ppm	<.006ppm	<.006ppm	<.006ppm	<.006ppm

SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	CO ₃ (mg/L)	HCO ₃ (mg/L)
MW – 1	1767	440	284	17.01	0	273
MW – 2	934	200	160	10.99	0	620
MW – 3	827	96	272	11.85	0	756
MW – 4	1167	176	272	20.83	0	878
MW – 5	1600	336	360	44.35	0	598
MW – 6	578	144	122	6.49	0	354

IV. Figures and Appendices

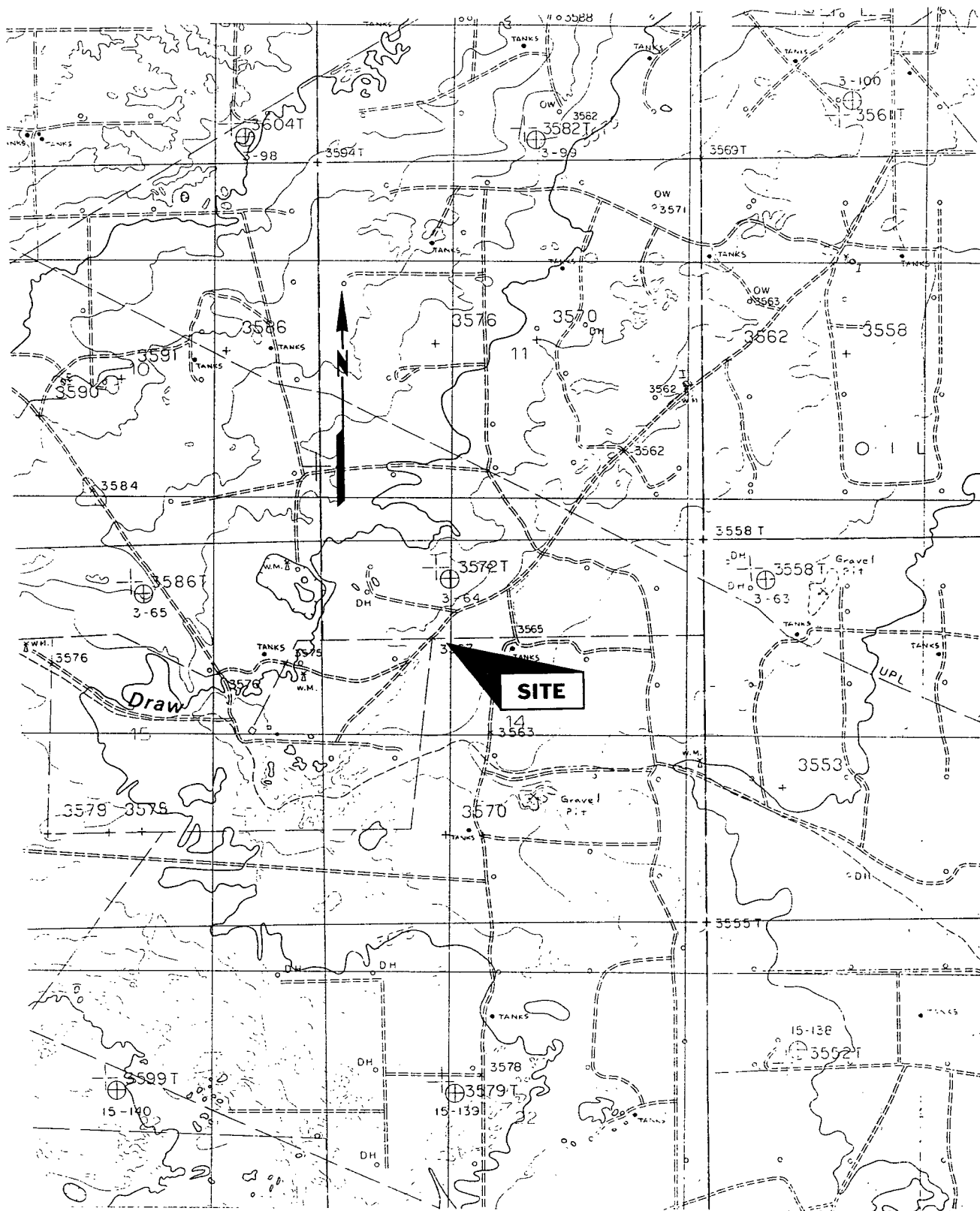
Figures:

Vicinity Map
Potentiometric Map
Water Flow Diagram

Appendices:

Cumulative Well Data
Analytical Results

Figure 1
Vicinity Map

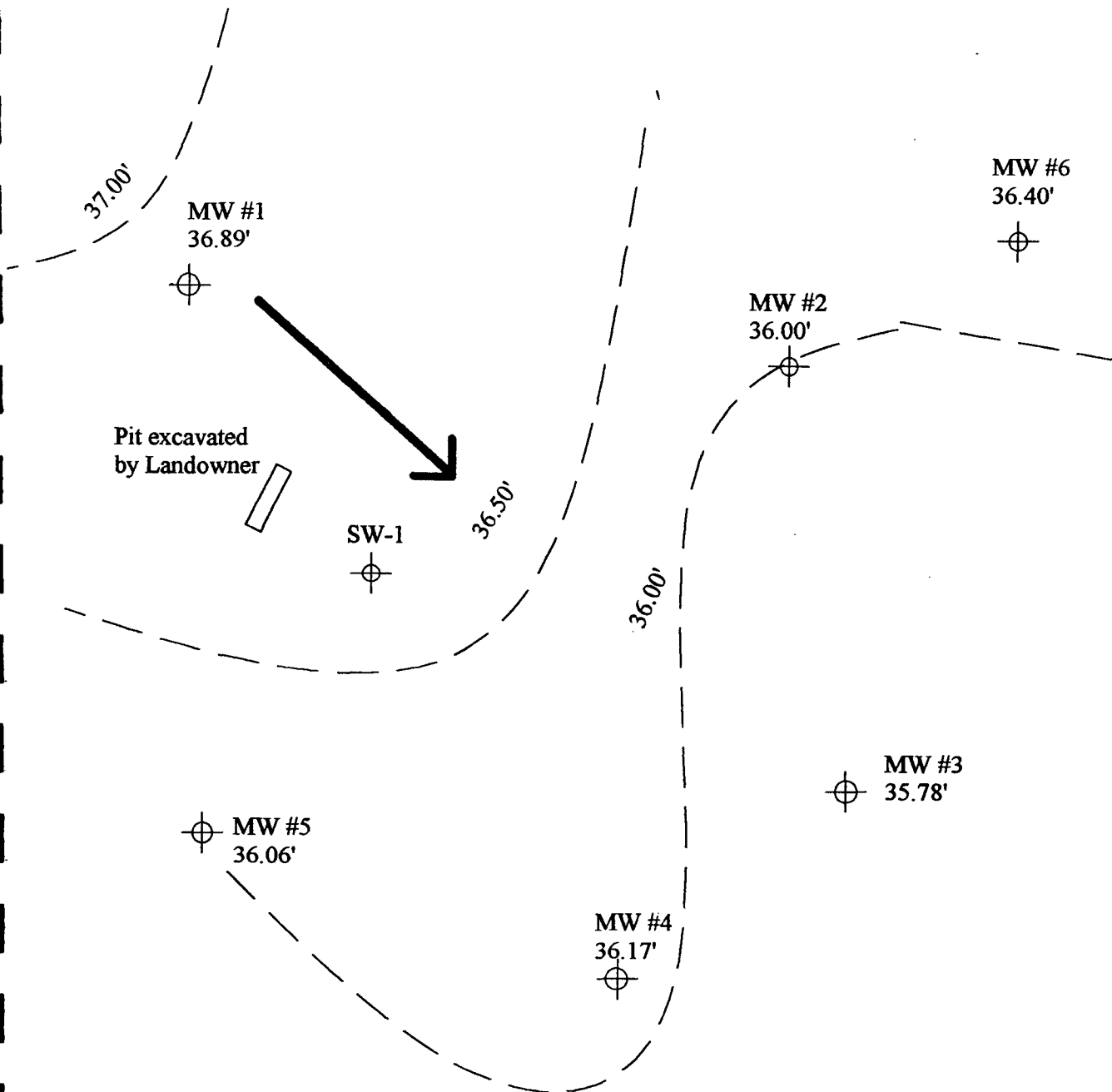
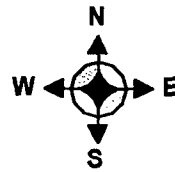


*Chevron USA
Production*

**Dynegy - Monument
Vicinity Map**

*Safety & Environmental
Solutions, Inc.
Hobbs, NM*

Figure 2
Potentiometric Map



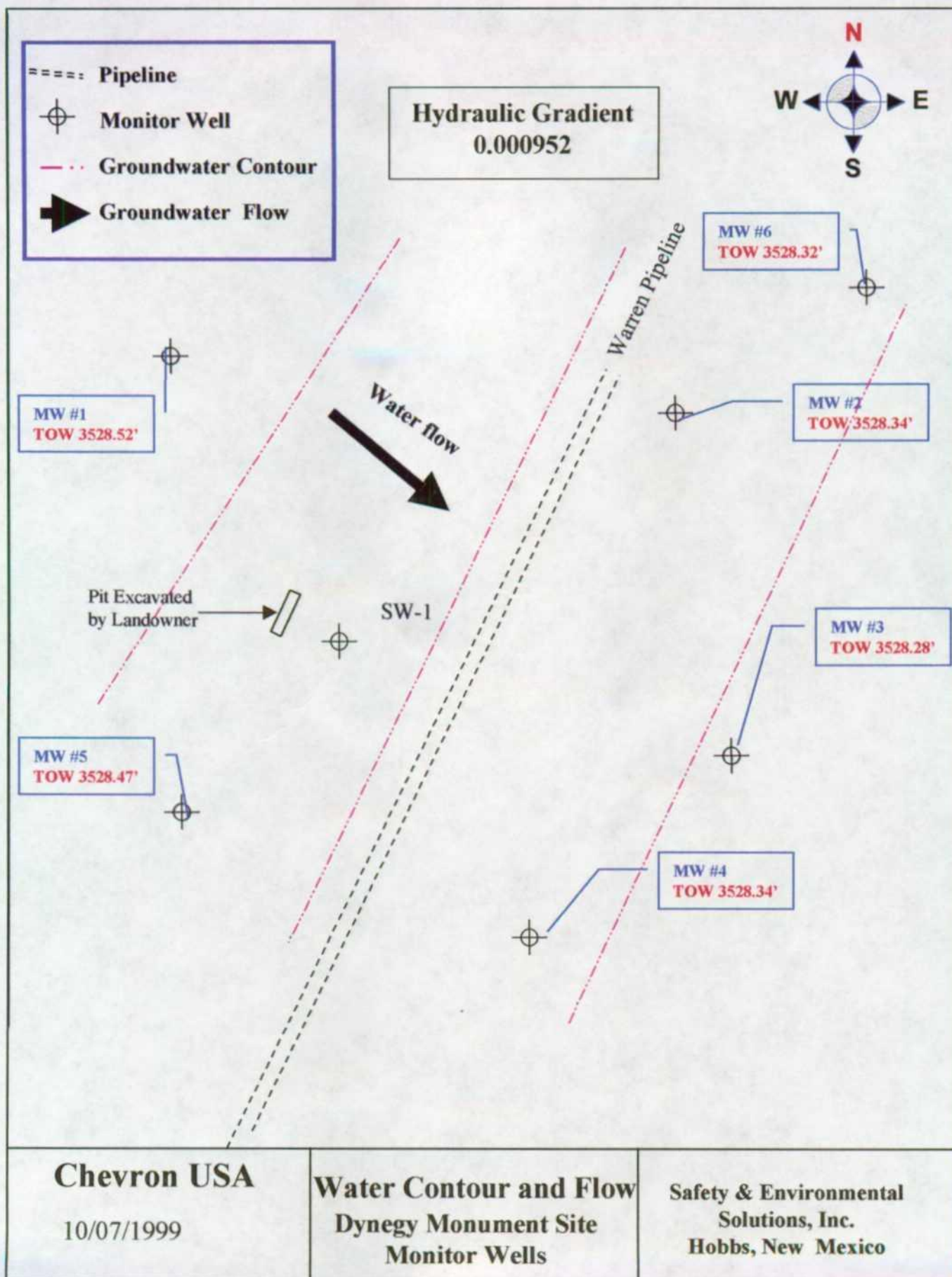
Chevron USA
Potentiometric Surface Map
Dynergy - Monument Site
Lea County, New Mexico

September 27, 1999

Scale: 1" = 50'

Figure 3
Water Flow Diagram

Appendix A
Cumulative Well Data



Chevron Dynegy -Monument Cumulative Well Data

Monitor Well #1

Contaminant	WQCC Standard	Initial Test 4/08/99	Test Date 9/23/99
Arsenic	0.1 ppm	<0.1 ppm	n/a
Barium	1.0 ppm	<1.0 ppm	n/a
Cadmium	0.01 ppm	<0.01 ppm	n/a
Chloride	250.0 ppm	2291 ppm	1839 ppm
Chromium	0.05 ppm	<0.05 ppm	n/a
Copper	1.0 ppm	<1.0 ppm	n/a
Cyanide	0.2 ppm	<0.02 ppm	n/a
Fluoride	1.6 ppm	2.04 ppm	1.76 ppm
Iron	1.0 ppm	<1.0 ppm	n/a
Lead	0.05 ppm	.261 ppm	0.34 ppm
Manganese	0.2 ppm	<0.20 ppm	0.24 ppm
Mercury	0.002 ppm	<0.002 ppm	n/a
Nitrate	10.0 ppm	0.22 ppm	n/a
Phenols	0.005 ppm	<0.005 ppm	n/a
Selenium	0.05 ppm	<0.05 ppm	n/a
Silver	0.05 ppm	0.067 ppm	<0.05 ppm
Sulfate	600 ppm	1837 ppm	2628 ppm
Zinc	10.0 ppm	<1.0 ppm	n/a
TDS	1000.0 ppm	6910 ppm	7740 ppm
pH	> 6 & <9	7.74	7.36
PAH	0.03 ppm	<0.005 ppm	n/a
PCBs	0.001 ppm	<0.001 ppm	n/a
Benzene	0.01 ppm	<0.002 ppm	<0.002 ppm
Toluene	0.75 ppm	<0.002 ppm	<0.002 ppm
Ethyl Benzene	0.75 ppm	<0.002 ppm	<0.002 ppm
Total Xylenes	0.62 ppm	<0.006 ppm	<0.006 ppm
TPH	N/A		<1.0 ppm
Sodium	N/A		1767 ppm
Calcium	N/A		440 ppm
Magnesium	N/A		284 ppm
Potassium	N/A		17.01 ppm
Conductivity	N/A		1929 ppm
T-Alkalinity	N/A		224 ppm
CO ₃	N/A		0 ppm
HCO ₃	N/A		273 ppm

Monitor Well #2

Contaminant	WQCC Standard	Initial Test 4/08/99	Test Date 9/23/99
Arsenic	0.1 ppm	<0.1 ppm	n/a
Barium	1.0 ppm	<1.0 ppm	n/a
Cadmium	0.01 ppm	<0.01 ppm	n/a
Chloride	250.0 ppm	1395 ppm	934 ppm
Chromium	0.05 ppm	<0.05 ppm	n/a
Copper	1.0 ppm	<1.0 ppm	n/a
Cyanide	0.2 ppm	<0.02 ppm	n/a
Fluoride	1.6 ppm	2.01 ppm	1.85 ppm
Iron	1.0 ppm	<1.0 ppm	n/a
Lead	0.05 ppm	.195 ppm	0.21 ppm
Manganese	0.2 ppm	0.225 ppm	0.48 ppm
Mercury	0.002 ppm	<0.002 ppm	n/a
Nitrate	10.0 ppm	0.20 ppm	n/a
Phenols	0.005 ppm	<0.005 ppm	n/a
Selenium	0.05 ppm	<0.05 ppm	n/a
Silver	0.05 ppm	0.060 ppm	<0.05 ppm
Sulfate	600 ppm	508 ppm	874 ppm
Zinc	10.0 ppm	<1.0 ppm	n/a
TDS	1000.0 ppm	4060 ppm	7740 ppm
PH	> 6 & <9	7.60	7.38
PAH	0.03 ppm	<0.005 ppm	n/a
PCBs	0.001 ppm	<0.001 ppm	n/a
Benzene	0.01 ppm	<0.002 ppm	<0.002 ppm
Toluene	0.75 ppm	<0.002 ppm	<0.002 ppm
Ethyl Benzene	0.75 ppm	<0.002 ppm	<0.002 ppm
Total Xylenes	0.62 ppm	<0.006 ppm	<0.006 ppm
TPH	N/A		10.3 ppm
Sodium	N/A		934 ppm
Calcium	N/A		200 ppm
Magnesium	N/A		160 ppm
Potassium	N/A		10.99 ppm
Conductivity	N/A		1881 ppm
T-Alkalinity	N/A		508 ppm
CO ₃	N/A		0 ppm
HCO ₃	N/A		620 ppm

Monitor Well #3

Contaminant	WQCC Standard	Initial Test 4/08/99	Test Date 9/23/99
Arsenic	0.1 ppm	<0.1 ppm	n/a
Barium	1.0 ppm	<1.0 ppm	n/a
Cadmium	0.01 ppm	<0.01 ppm	n/a
Chloride	250.0 ppm	948 ppm	1095 ppm
Chromium	0.05 ppm	<0.05 ppm	n/a
Copper	1.0 ppm	<1.0 ppm	n/a
Cyanide	0.2 ppm	<0.02 ppm	n/a
Fluoride	1.6 ppm	2.12 ppm	1.74 ppm
Iron	1.0 ppm	<1.0 ppm	n/a
Lead	0.05 ppm	.242 ppm	0.18 ppm
Manganese	0.2 ppm	<0.20 ppm	0.24 ppm
Mercury	0.002 ppm	<0.002 ppm	n/a
Nitrate	10.0 ppm	0.20 ppm	n/a
Phenols	0.005 ppm	<0.005 ppm	n/a
Selenium	0.05 ppm	<0.05 ppm	n/a
Silver	0.05 ppm	0.053 ppm	<0.05 ppm
Sulfate	600 ppm	505 ppm	971 ppm
Zinc	10.0 ppm	<1.0 ppm	n/a
TDS	1000.0 ppm	3700 ppm	3930 ppm
PH	> 6 & <9	7.32	7.23
PAH	0.03 ppm	<0.005 ppm	n/a
PCBs	0.001 ppm	<0.001 ppm	n/a
Benzene	0.01 ppm	<0.002 ppm	<0.002 ppm
Toluene	0.75 ppm	<0.002 ppm	<0.002 ppm
Ethyl Benzene	0.75 ppm	<0.002 ppm	<0.002 ppm
Total Xylenes	0.62 ppm	<0.006 ppm	<0.006 ppm
TPH	N/A		2.52 ppm
Sodium	N/A		827 ppm
Calcium	N/A		96 ppm
Magnesium	N/A		272 ppm
Potassium	N/A		11.85 ppm
Conductivity	N/A		1850 ppm
T-Alkalinity	N/A		620 ppm
CO ₃	N/A		0 ppm
HCO ₃	N/A		756 ppm

Monitor Well #4

Contaminant	WQCC Standard	Initial Test 4/08/99	Test Date 9/23/99
Arsenic	0.1 ppm	<0.1 ppm	n/a
Barium	1.0 ppm	<1.0 ppm	n/a
Cadmium	0.01 ppm	<0.01 ppm	n/a
Chloride	250.0 ppm	1893 ppm	1612 ppm
Chromium	0.05 ppm	<0.05 ppm	n/a
Copper	1.0 ppm	<1.0 ppm	n/a
Cyanide	0.2 ppm	<0.02 ppm	n/a
Fluoride	1.6 ppm	2.12 ppm	1.68 ppm
Iron	1.0 ppm	<1.0 ppm	n/a
Lead	0.05 ppm	.239 ppm	0.20 ppm
Manganese	0.2 ppm	0.475 ppm	0.71 ppm
Mercury	0.002 ppm	<0.002 ppm	n/a
Nitrate	10.0 ppm	0.22 ppm	n/a
Phenols	0.005 ppm	<0.005 ppm	n/a
Selenium	0.05 ppm	<0.05 ppm	n/a
Silver	0.05 ppm	0.059 ppm	<0.05 ppm
Sulfate	600 ppm	651 ppm	1088 ppm
Zinc	10.0 ppm	<1.0 ppm	n/a
TDS	1000.0 ppm	6200 ppm	5190 ppm
PH	> 6 & <9	7.51	7.30
PAH	0.03 ppm	<0.005 ppm	n/a
PCBs	0.001 ppm	<0.001 ppm	n/a
Benzene	0.01 ppm	<0.002 ppm	<0.002 ppm
Toluene	0.75 ppm	<0.002 ppm	<0.002 ppm
Ethyl Benzene	0.75 ppm	<0.002 ppm	<0.002 ppm
Total Xylenes	0.62 ppm	<0.006 ppm	<0.006 ppm
TPH	N/A		2.76 ppm
Sodium	N/A		1167 ppm
Calcium	N/A		176 ppm
Magnesium	N/A		272 ppm
Potassium	N/A		20.83 ppm
Conductivity	N/A		1812 ppm
T-Alkalinity	N/A		720 ppm
CO ₃	N/A		0 ppm
HCO ₃	N/A		878 ppm

Monitor Well #5

Contaminant	WQCC Standard	Initial Test 4/08/99	Test Date 9/23/99
Arsenic	0.1 ppm	<0.1 ppm	n/a
Barium	1.0 ppm	<1.0 ppm	n/a
Cadmium	0.01 ppm	<0.01 ppm	n/a
Chloride	250.0 ppm	2092 ppm	2139 ppm
Chromium	0.05 ppm	<0.05 ppm	n/a
Copper	1.0 ppm	<1.0 ppm	n/a
Cyanide	0.2 ppm	<0.02 ppm	n/a
Fluoride	1.6 ppm	2.32 ppm	1.88 ppm
Iron	1.0 ppm	<1.0 ppm	n/a
Lead	0.05 ppm	.264 ppm	0.27 ppm
Manganese	0.2 ppm	0.476 ppm	0.57 ppm
Mercury	0.002 ppm	<0.002 ppm	n/a
Nitrate	10.0 ppm	1.92 ppm	n/a
Phenols	0.005 ppm	<0.005 ppm	n/a
Selenium	0.05 ppm	<0.05 ppm	n/a
Silver	0.05 ppm	0.061 ppm	<0.05 ppm
Sulfate	600 ppm	2278 ppm	2259 ppm
Zinc	10.0 ppm	<1.0 ppm	n/a
TDS	1000.0 ppm	7260 ppm	8230 ppm
PH	> 6 & <9	7.23	7.10
PAH	0.03 ppm	<0.005 ppm	n/a
PCBs	0.001 ppm	<0.001 ppm	n/a
Benzene	0.01 ppm	<0.002 ppm	<0.002 ppm
Toluene	0.75 ppm	<0.002 ppm	<0.002 ppm
Ethyl Benzene	0.75 ppm	<0.002 ppm	<0.002 ppm
Total Xylenes	0.62 ppm	<0.006 ppm	<0.006 ppm
TPH	N/A		2.90 ppm
Sodium	N/A		1600 ppm
Calcium	N/A		336 ppm
Magnesium	N/A		360 ppm
Potassium	N/A		44.35 ppm
Conductivity	N/A		1760 ppm
T-Alkalinity	N/A		490 ppm
CO ₃	N/A		0 ppm
HCO ₃	N/A		598 ppm

Monitor Well #6

Contaminant	WQCC Standard	Initial Test 4/08/99	Test Date 9/23/99
Arsenic	0.1 ppm	<0.1 ppm	n/a
Barium	1.0 ppm	<1.0 ppm	n/a
Cadmium	0.01 ppm	<0.01 ppm	n/a
Chloride	250.0 ppm	785 ppm	933 ppm
Chromium	0.05 ppm	<0.05 ppm	n/a
Copper	1.0 ppm	<1.0 ppm	n/a
Cyanide	0.2 ppm	<0.02 ppm	n/a
Fluoride	1.6 ppm	2.30 ppm	1.94 ppm
Iron	1.0 ppm	<1.0 ppm	n/a
Lead	0.05 ppm	.208 ppm	0.16 ppm
Manganese	0.2 ppm	<0.20 ppm	<0.20 ppm
Mercury	0.002 ppm	<0.002 ppm	n/a
Nitrate	10.0 ppm	0.13 ppm	n/a
Phenols	0.005 ppm	<0.005 ppm	n/a
Selenium	0.05 ppm	<0.05 ppm	n/a
Silver	0.05 ppm	0.056ppm	<0.05 ppm
Sulfate	600 ppm	399 ppm	501 ppm
Zinc	10.0 ppm	<1.0 ppm	n/a
TDS	1000.0 ppm	2800 ppm	2640 ppm
pH	> 6 & <9	7.61	7.32
PAH	0.03 ppm	<0.005 ppm	n/a
PCBs	0.001 ppm	<0.001 ppm	n/a
Benzene	0.01 ppm	<0.002 ppm	<0.002 ppm
Toluene	0.75 ppm	<0.002 ppm	<0.002 ppm
Ethyl Benzene	0.75 ppm	<0.002 ppm	<0.002 ppm
Total Xylenes	0.62 ppm	<0.006 ppm	<0.006 ppm
TPH	N/A		2.66 ppm
Sodium	N/A		578 ppm
Calcium	N/A		144 ppm
Magnesium	N/A		122 ppm
Potassium	N/A		6.49 ppm
Conductivity	N/A		1796 ppm
T-Alkalinity	N/A		290 ppm
CO ₃	N/A		0 ppm
HCO ₃	N/A		354 ppm

Appendix B

Analytical Results



PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DEE WHATLEY
703 E. CLINTON, SUITE 103
HOBBS, NM 88240
FAX TO: (505) 393-4388

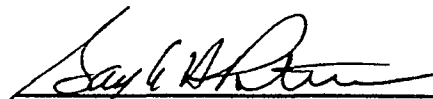
Receiving Date: 09/23/99
Reporting Date: 09/28/99
Project Number: NOT GIVEN
Project Name: CHEVRON / DYNEGY
Project Location: MONUMENT-COOPER

Sampling Date: 09/23/99
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: AH/GP

LAB NUMBER	SAMPLE ID	F (mg/L)	Ag (mg/L)	Mn (mg/L)	Pb (mg/L)
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ANALYSIS DATE	09/24/99	09/28/99	09/28/99	09/28/99
H4357-1 MW #1	1.76	<0.05	0.24	0.34
H4357-2 MW #2	1.85	<0.05	0.48	0.21
H4357-3 MW #3	1.74	<0.05	0.24	0.18
H4357-4 MW #4	1.68	<0.05	0.71	0.20
H4357-5 MW #5	1.88	<0.05	0.57	0.27
H4357-6 MW #6	1.94	<0.05	<0.20	0.16
Quality Control	0.98	2.917	4.007	4.057
True Value QC	1.00	3.000	4.000	4.000
% Accuracy	98	97	100	101
Relative Percent Difference	3.1	0.3	0.1	0.9

METHODS: EPA 600/4-79-020	340.1	272.1	243.1	239.1
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Chemist

09/28/99
Date

H4357C.XLS

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.

ATTN: DEE WHATLEY

Receiving Date: 09/23/99
Reporting Date: 09/27/99
Project Number: NOT GIVEN
Project Name: CHEVRON / DYNEGY
Project Location: MONUMENT-COOPER

703 E. CLINTON, SUITE 103
HOBBS, NM 88240
FAX TO: (505) 393-4388

Sampling Date: 09/23/99
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: AH

LAB NUMBER	SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K Conductivity (mg/L) (u mhos/cm)	T-Alkalinity (mgCaCO ₃ /L)
ANALYSIS DATE:		09/24/99	09/24/99	09/24/99	09/24/99	09/24/99
H4357-1	MW #1	1767	440	284	17.01	224
H4357-2	MW #2	934	200	160	10.99	508
H4357-3	MW #3	827	96	272	11.85	620
H4357-4	MW #4	1167	176	272	20.83	720
H4357-5	MW #5	1600	336	360	44.35	490
H4357-6	MW #6	578	144	122	6.49	290
Quality Control		NR	48	49	4.96	NR
True Value QC		NR	50	50	5.00	NR
% Accuracy		NR	96	98	99	NR
Relative Percent Difference		NR	6.3	5.1	0	NR
METHODS:		SM3500-Ca-D	3500-Mg E	8049	120.1	310.1

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/L)	SO ₄ (mg/L)	CO ₃ (mg/L)	HCO ₃ (mg/L)	pH (s.u.)	TDS (mg/L)
ANALYSIS DATE:		09/24/99	09/24/99	09/24/99	09/24/99	09/24/99	09/25/99
H4357-1	MW #1	2251	2628	0	273	7.36	7740
H4357-2	MW #2	1267	874	0	620	7.38	4270
H4357-3	MW #3	1095	971	0	756	7.23	3930
H4357-4	MW #4	1612	1088	0	878	7.30	5190
H4357-5	MW #5	2139	2259	0	598	7.10	8230
H4357-6	MW #6	933	501	0	354	7.32	2640
Quality Control		1024	47.47	112	221	7.00	NR
True Value QC		1000	50.00	124	259	7.00	NR
% Accuracy		102	94.9	90.3	85.4	100	NR
Relative Percent Difference		9.8	5.2	-	-	1.4	NR
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1	160.1

Chemist

09/28/99
Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

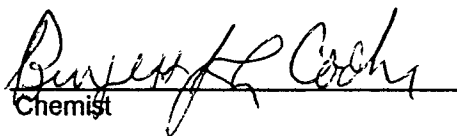
ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DEE WHATLEY
703 E. CLINTON, SUITE 103
HOBBS, NM 88240
FAX TO: (505) 393-4388

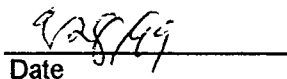
Receiving Date: 09/23/99
Reporting Date: 09/28/99
Project Number: NOT GIVEN
Project Name: CHEVRON / DYNEGY
Project Location: MONUMENT-COOPER

Sampling Date: 09/23/99
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: BC/GP/JP

LAB NO.	SAMPLE ID	TPH (mg/L)	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DATE:		09/27/99	09/23/99	09/23/99	09/23/99	09/23/99
H4357-1	MW #1	<1.0	<0.002	<0.002	<0.002	<0.006
H4357-2	MW #2	10.3	<0.002	<0.002	<0.002	<0.006
H4357-3	MW #3	2.52	<0.002	<0.002	<0.002	<0.006
H4357-4	MW #4	2.76	<0.002	<0.002	<0.002	<0.006
H4357-5	MW #5	2.90	<0.002	<0.002	<0.002	<0.006
H4357-6	MW #6	2.66	<0.002	<0.002	<0.002	<0.006
Quality Control		41.3	0.095	0.094	0.093	0.288
True Value QC		40.0	0.100	0.100	0.100	0.300
% Recovery		103	94.8	94.3	92.9	96.0
Relative Percent Difference		0.6	2.9	6.0	6.7	4.5

METHODS: TRPHC - EPA 600/4-79-020, 418.1; BTEX - EPA SW-846 8260


Chemist


Date

H4357A.XLS

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Company Name: SEST

Project Manager:

Address: 703 E. CLINTON, #103

City: HOBBS State: NM Zip: 88240

Phone #: (505) 397-0510

Fax #: (505) 393-4388

Project #: Project Owner:

Project Name: *Chevron / Dynegy*

Project Location: *Monument - Cooper*

ANALYSIS REQUEST

LAB I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRES.	SAMPLING	DATE	TIME	OTHER:	ICE / COOL	ACID:	OTHER:	SLUDGE	OIL	SOIL	WASTEWATER	GROUNDWATER	OTHER:	FLUORIDE	LEAD	MANGANESE	SILVER
44357-1	MW #1	3	4	✓	✓	✓	8-23-99	1:00pm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
-2	MW #2	3	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
-3	MW #3	3	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
-4	MW #4	3	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
-5	MW #5	3	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
-6	MW #6	3	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Sampler Relinquished:

Received By:

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

Additional Fax #: ☐ Yes ☐ No

Relinquished By:

Received By: (Lab Staff)

Checked By: (Initials)

Sample Condition

Cool: ☒ Yes ☐ No

Intact: ☒ Yes ☐ No

Remarks:

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.