

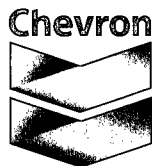
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REPORTS

DATE:

9/25/2006

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MidContinent SBU
Chevron North America
Exploration and Production Company
11111 S. Wilcrest
Houston, TX 77099

September 25, 2006

Mr. Wayne Price
New Mexico Oil Conservation Division
1220 So. St. Francis Drive
Santa Fe, New Mexico 87505

**Subject: 2006 Annual Groundwater Monitoring Report
J.R. Phillips Tank Battery No. 2, Lea County, New Mexico
Prepared for Chevron Environmental Management Company
OGRID No. 4323**

Dear Mr. Price:

Enclosed is the subject report for ground water monitoring work completed at the J.R. Phillips Tank Battery No. 2 during 2006. The report provides information and details on the ground water monitoring activities completed by Conestoga-Rovers & Associates (CRA) for the annual monitoring event in 2006.

All future monitoring and reporting work will be completed by Chevron's agent for this site:

Conestoga-Rovers & Associates
2135 South Loop 250 West
Midland, TX 79703

If you have any questions concerning this report or the on-going work, please call me at (281) 561-3653. Or you can contact Luke Markham with CRA at (432) 686-0086.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Toner".

Scott Toner
Remediation Project Manager

Enclosure

Cc: Ms. Patricia Caperton, NMOCD (with electronic copy of report)
Mr. Luke Markham, CRA (without copy of report)
Mr. Tom Larson, CRA (without copy of report)



2006 ANNUAL GROUNDWATER MONITORING REPORT

J.R. PHILLIPS TANK BATTERY NO. 2

OGRID NO. 4323

SE/4, NW/4, SECTION 6, T-20-S, R-37-E

LATITUDE: N 32° 36' 22.3" LONGITUDE: W 103° 17' 41.5"

LEA COUNTY, NEW MEXICO



2006 ANNUAL GROUNDWATER MONITORING REPORT

**J.R. PHILLPS TANK BATTERY NO. 2
OGRID NO. 4323
SE/4, NW/4, SECTION 6, T-20-S, R-37-E
LATITUDE: N 32° 36' 22.3" LONGITUDE: W 103° 17' 41.5"
LEA COUNTY, NEW MEXICO**

Prepared For:

**Mr. Scott Toner
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
Abandonment Business Unit
11111 S. Wilcrest Drive
Houston, Texas 77099**

**Prepared by:
Conestoga-Rovers
& Associates**

2135 S Loop 250 West
Midland, Texas 79703

Office: 432-686-0086
Fax: 432-686-0186

**SEPTEMBER 7, 2006
REF. NO. 039126 (2)**

1.0 INTRODUCTION

This Annual Groundwater Monitoring Report presents groundwater monitoring data collected at the J.R. Phillips Tank Battery No. 2 (hereafter referred to as the "Site") by Conestoga-Rovers & Associates (CRA) on behalf of Chevron Environmental Management Company (CEMC). Annual groundwater monitoring activities were performed on May 16, 2006.

The Site is located approximately three miles southwest of Monument, New Mexico and situated in Unit Letter F in the southeast quarter (SE/4) of the northwest quarter (NW/4) of Section 6, Township 20 South, Range 37 East, Lea County, New Mexico. The Site is a former emergency pit used for temporary containment of produced fluids associated with the tank battery. Land use in the vicinity of the Site is undeveloped rangeland vegetated with indigenous grass, livestock ranching and oil and gas production. A Site Location Map is presented as FIGURE 1.

Site assessment activities were initiated in 1999 when Environmental Plus, Inc. (EPI) of Eunice, New Mexico performed a subsurface assessment of the emergency produced water overflow pit located east of the tank battery and a small burn pit located south-southeast of the emergency pit. The investigation revealed the presence of hydrocarbon affected soil. Approximately 33,500 cubic yards of hydrocarbon-affected material was excavated at the Site between December 1999 and October 2000. The soil was transported to the Texaco Exploration and Production, Inc. (Texaco) centralized treatment facility located northwest of Jal, New Mexico. The emergency pit was excavated to approximately 25 to 30 feet below ground surface (bgs) and the burn pit was excavated to approximately 12 to 15 bgs. The remedial excavations were subsequently backfilled and closed during December 2000 and January 2001. Site assessment and remediation activities were presented in the *Comprehensive Report and Proposed Investigation Plan* (Larson & Associates, Inc. [LA], November 28, 2000).

In March 2000, EPI installed two monitor wells (MW-1 and MW-2) to evaluate background chloride concentrations in groundwater at the Site. In April 2001, LA supervised the installation of six monitor (MW-3 through MW-8) to assess groundwater quality upgradient, downgradient and crossgradient of the Site. Details of that investigation were submitted to the New Mexico Oil Conservation Division (NMOCD) in a *Groundwater Assessment Report* (LA, May 24, 2001). In that report, semi-annual groundwater monitoring was proposed for two years, with groundwater samples to be analyzed for major cations, anions and total dissolved solids (TDS).

The proposed activities were approved by the NMOCD in a letter dated December 27, 2001, with the condition that groundwater also be analyzed for benzene, toluene, ethylbenzene and xylene (BTEX). The NMOCD agreed to allow Texaco to monitor groundwater at the Site due to a regional groundwater impact from chloride that has affected groundwater at the Site, as well as upgradient, crossgradient and downgradient of the Site. An *Annual Groundwater Monitoring Report* (LA, May 10, 2004) presented the results of activities performed in 2003, which fulfilled the two-year monitoring schedule approved by the NMOCD. CEMC proposed a modification to the groundwater monitoring schedule from semi-annual to annual, analyzing groundwater samples only

for major cations, anions and TDS. The groundwater monitoring modifications were approved by the NMOCD in a letter dated October 1, 2004. NMOCD correspondence and approval letters are included in APPENDIX A. Annual groundwater monitoring results for activities performed in May 2004 and May 2005 were presented in the *Annual Groundwater Monitoring Report* (LA, August 15, 2005).

2.0 REGULATORY FRAMEWORK

The NMOCD guidelines require groundwater to be analyzed for potential contaminants as defined by the New Mexico Water Quality Control Commission (NMWQCC) regulations. In addition, the NMWQCC regulations present the Human Health Standards for Groundwater. The constituent of concern in affected groundwater at the Site is chloride. In this report, groundwater analytical results for chloride and four additional analytes are compared to the NMWQCC standards as shown in the following table:

Analyte	NMWQCC Standard for Groundwater (mg/L)
Chloride	250
Fluoride	1.6
Nitrate (NO ₃ as N)	10
Sulfate (SO ₄)	600
Total Dissolved Solids (TDS)	1,000

3.0 GROUNDWATER SAMPLING AND ANALYSIS

Groundwater at the Site is monitored annually with a network of eight monitor wells and one water well (FIGURE 2). CRA performed groundwater sampling activities on May 15, 2006.

Prior to purging the wells, static fluid levels were measured with an electric interface probe to the nearest hundredth of a foot. After recording fluid levels, the wells were purged of a minimum of three casing volumes of groundwater. Geochemical field parameters including pH, temperature and conductivity were collected during the purging/sampling process. All non-disposable groundwater sampling equipment was decontaminated with a soap (Liquinox®) and potable water wash, a potable water rinse and a final deionized water rinse to minimize potential cross-contamination between each monitor well. Subsequent to the purging process, groundwater samples were collected using clean, disposable PVC bailers. Laboratory-supplied sample containers were then filled directly from the disposable PVC bailers.

Groundwater samples were placed on ice in insulated coolers and chilled to a temperature of approximately 4°C (40°F). The coolers were sealed for shipment and proper chain-of-custody documentation accompanied the samples to the laboratory (Pace Analytical Services, Inc. located in St. Rose, Louisiana) for analysis of major cations, anions and TDS by Environmental Protection Agency (EPA) Methods 6010B, 310.2, 2320B, 300.0 and 2540C. The fluids recovered and generated during the sampling event were containerized in sealed, 55-gallon drums located onsite and subsequently managed at an NMOCD-permitted and Chevron-approved salt water disposal (SWD) facility operated by Nabors Well Services LTD. (Nabors).

3.1 POTENTIOMETRIC SURFACE AND GRADIENT

Groundwater elevation data is presented in TABLE I. A groundwater gradient map for May 2006 is presented as FIGURE 3. Depth to groundwater ranged from 30.05 feet to 36.15 feet below top of casing on May 15, 2006. Groundwater flow at the Site is to the southeast at a gradient of approximately 0.009 feet/foot.

3.2 ANALYTICAL RESULTS

Analytical results are summarized in TABLE II. Isopleths of the chloride, sulfate and TDS concentrations for the May 2006 groundwater monitoring event are presented as FIGURES 4, 5 and 6, respectively.

The analytical results generally fall within historical ranges. During the May 2006 sampling event, all nine wells sampled exceeded the NMWQCC groundwater standards for chloride and TDS. In addition, eight monitor wells (MW-1 through MW-8) exceeded the NMWQCC groundwater standard for sulfate. Two monitor wells (MW-2 and MW-8) also exceeded the NMWQCC groundwater standard for fluoride. Nitrate concentrations were below NMWQCC groundwater standard during the 2006 sampling event. Copies of the certified analytical reports and chain-of-custody documentation are attached in APPENDIX B.

4.0 PLANNED ACTIVITIES

Annual groundwater monitoring will continue at the Site in 2007, with submission of an annual report to the NMOCD, detailing the results of activities.

5.0 SUMMARY

Based on historical data review and groundwater monitoring activities performed at the Site, CRA presents the following summary:

- Groundwater at the Site is monitored annually with a network of eight monitor wells and one water well;
- Depth to groundwater ranged from 30.05 feet to 36.15 feet below top of casing on May 15, 2006. Groundwater flow at the Site is to the southeast at a gradient of approximately 0.009 feet/foot;
- The analytical results generally fall within historical ranges. During the May 2006 sampling event, all nine wells sampled exceeded the NMWQCC groundwater standards for chloride and TDS. In addition, eight monitor wells (MW-1 through MW-8) exceeded the NMWQCC groundwater standard for sulfate. Two monitor wells (MW-2 and MW-8) also exceeded the NMWQCC groundwater standard for fluoride. Nitrate concentrations were below NMWQCC groundwater standard during the 2006 sampling event;
- The 2007 groundwater monitoring event is scheduled for May 2007.

All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES



Luke D. Markham
Project Manager



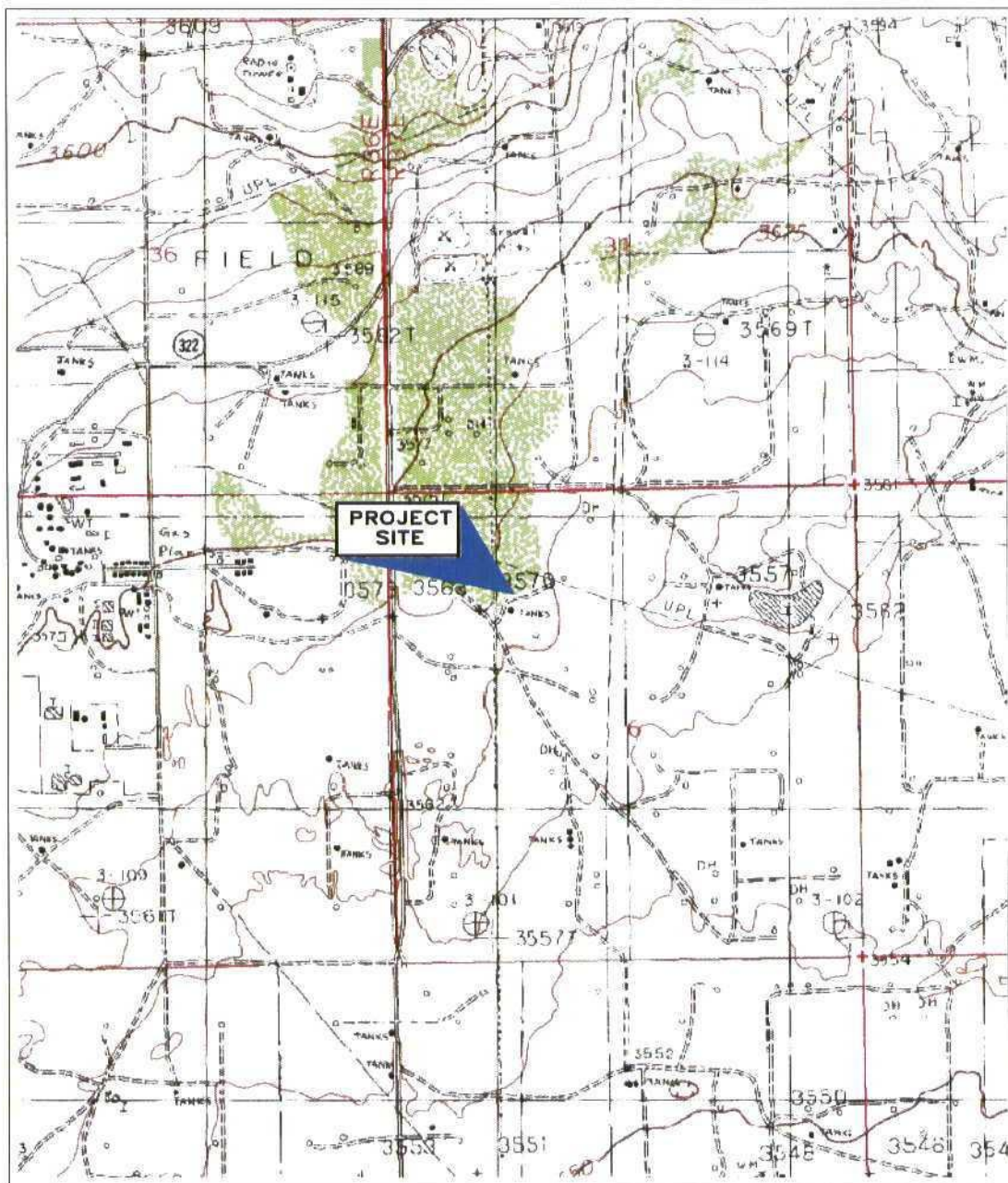
Thomas C. Larson
Senior Project Manager

FIGURES

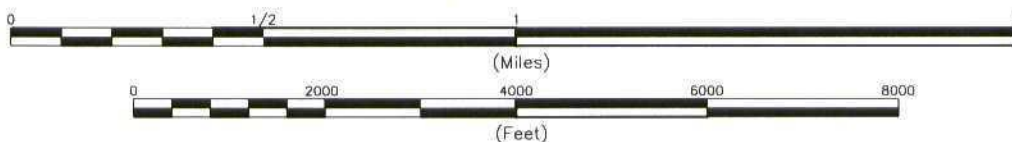
MONUMENT SOUTH QUADRANGLE NEW MEXICO

LAT= 32° 36' 22.3" N
LONG= 103° 17' 41.5" W

PHOTOREVISED 1985



USGS MAP SERIES 1:24000



CONTOUR INTERVAL 5 FEET



NORTH

SITE LOCATION MAP

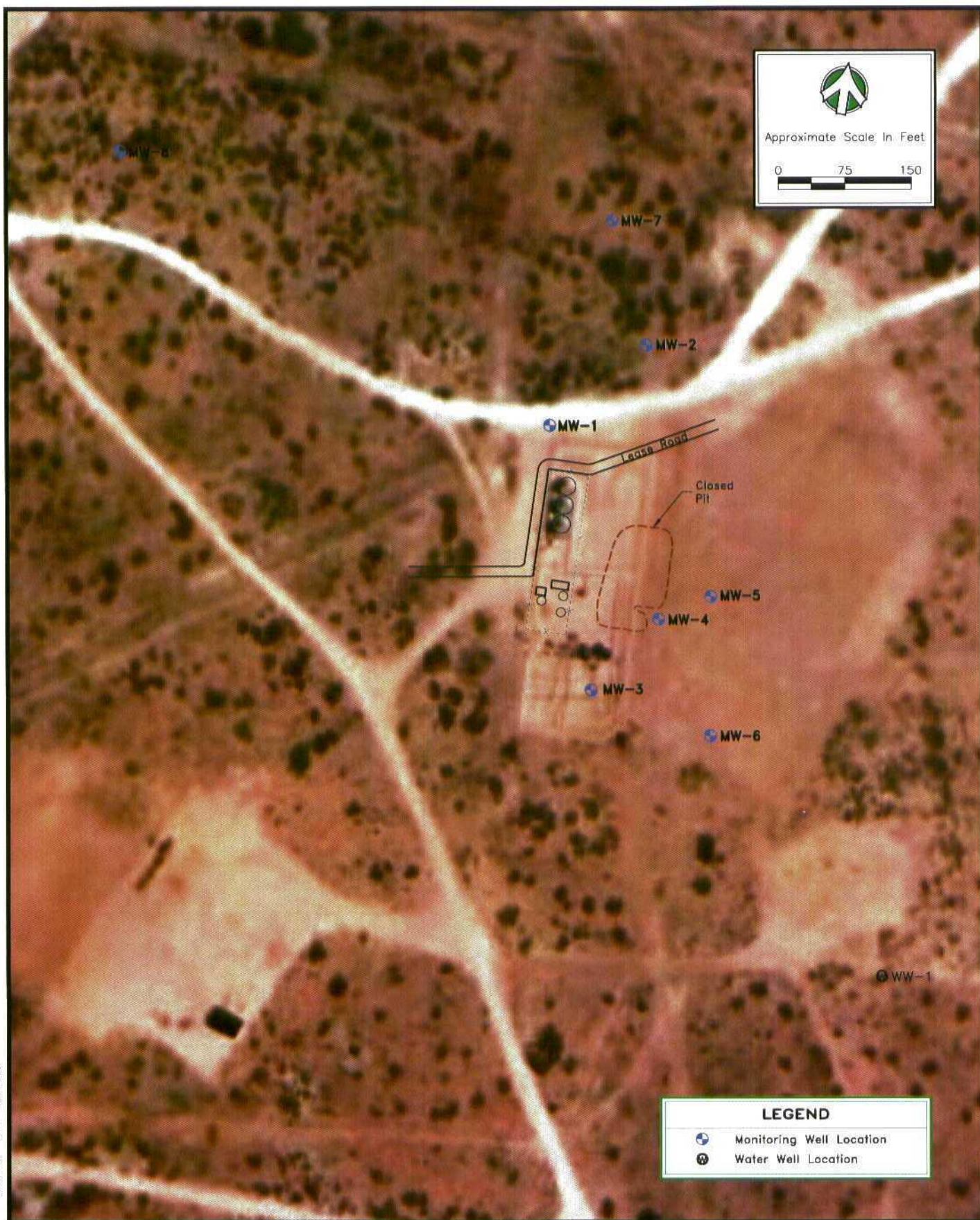
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
J. R. PHILLIPS #2 TANK BATTERY, LEA COUNTY, NEW MEXICO

JOB No.
039126

FIGURE 1



039126 SLR 081806



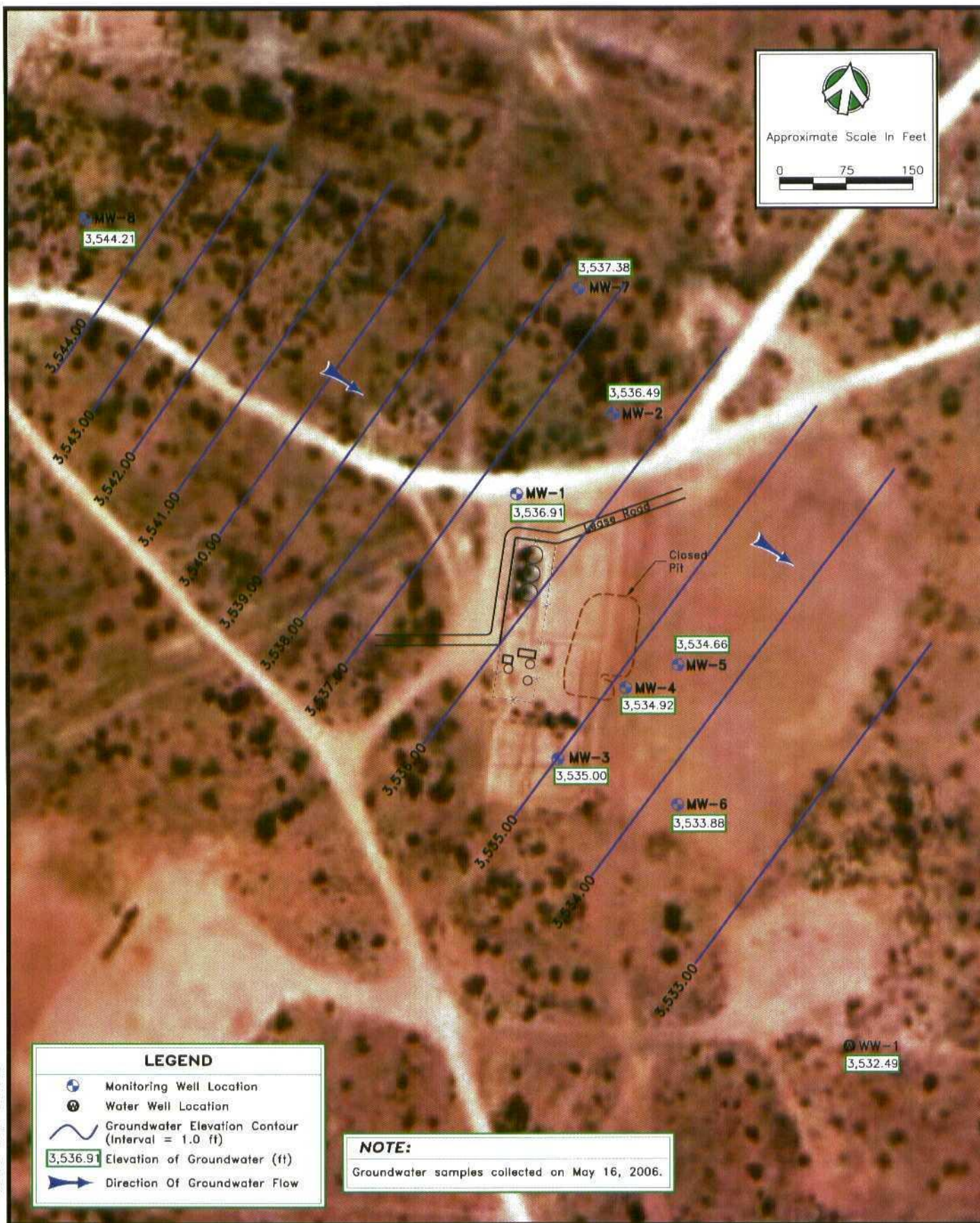
SITE DETAILS

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
J. R. PHILLIPS #2 TANK BATTERY, LEA COUNTY, NEW MEXICO

JOB No.
039126

FIGURE 2

039126 SLR 081806

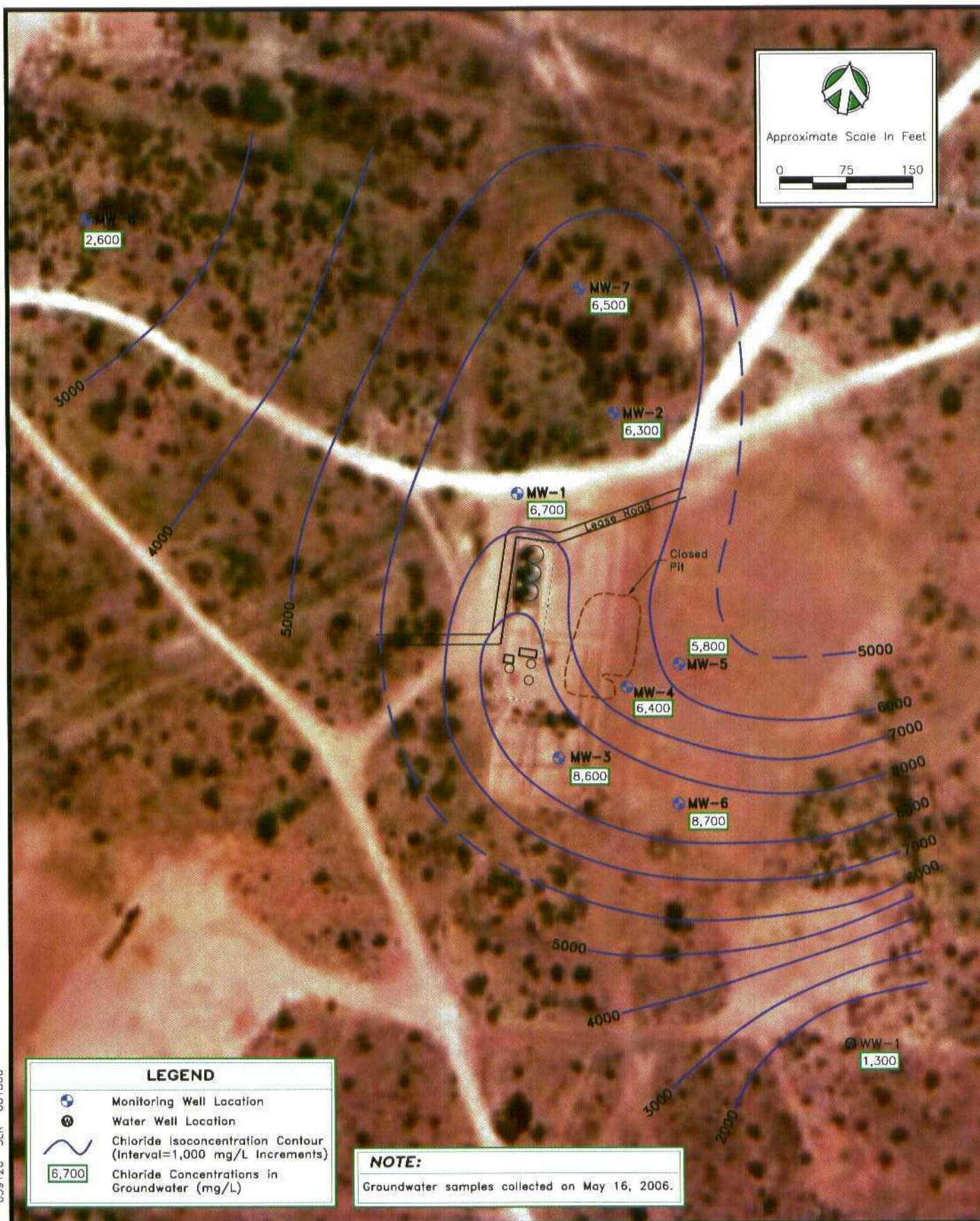


GROUNDWATER GRADIENT MAP - MAY 2006

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
J. R. PHILLIPS #2 TANK BATTERY, LEA COUNTY, NEW MEXICO

JOB No.
039126

FIGURE 3

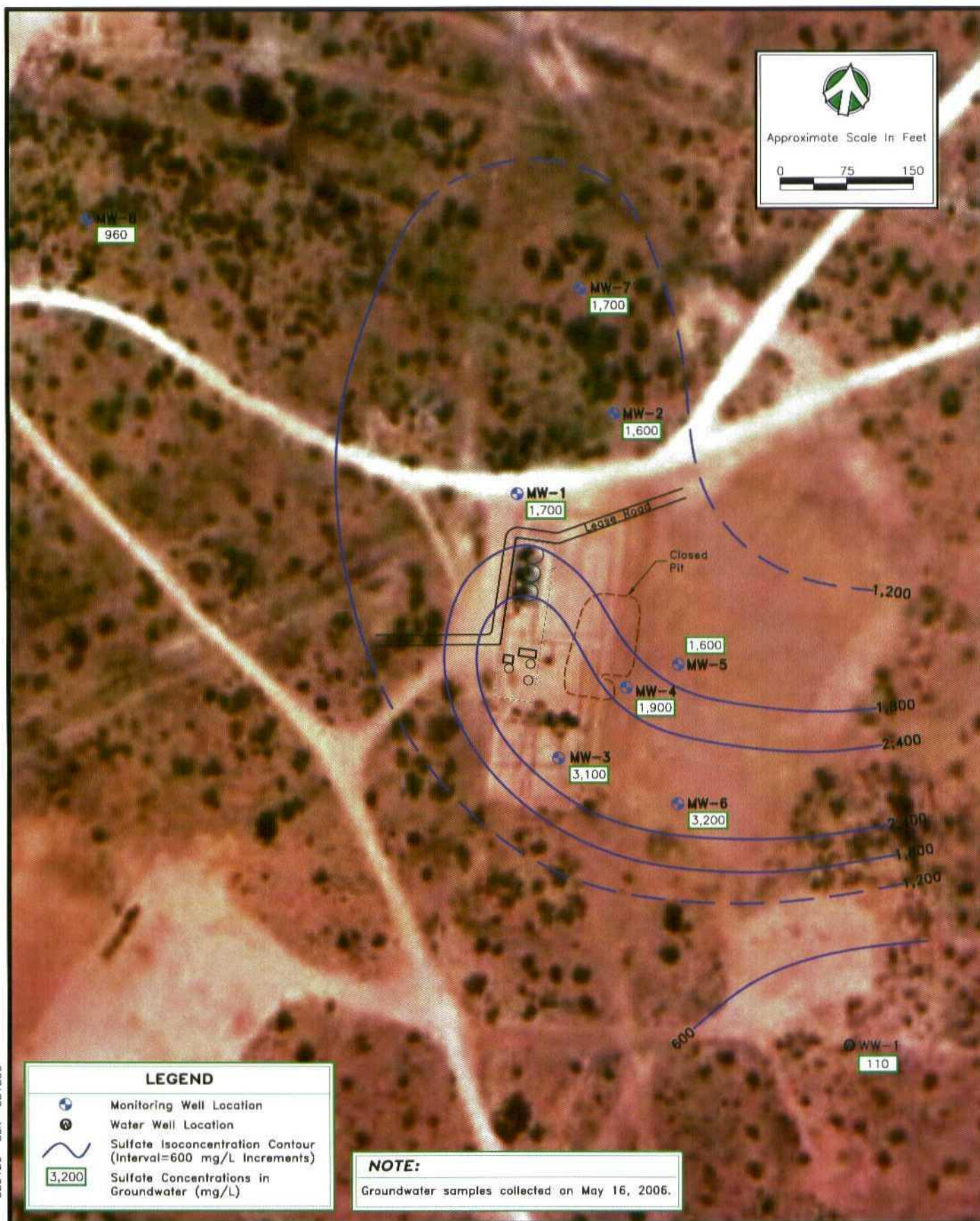


CHLORIDE ISOCONCENTRATION MAP - MAY 2006

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
J. R. PHILLIPS #2 TANK BATTERY, LEA COUNTY, NEW MEXICO

JOB No.
039126

FIGURE 4

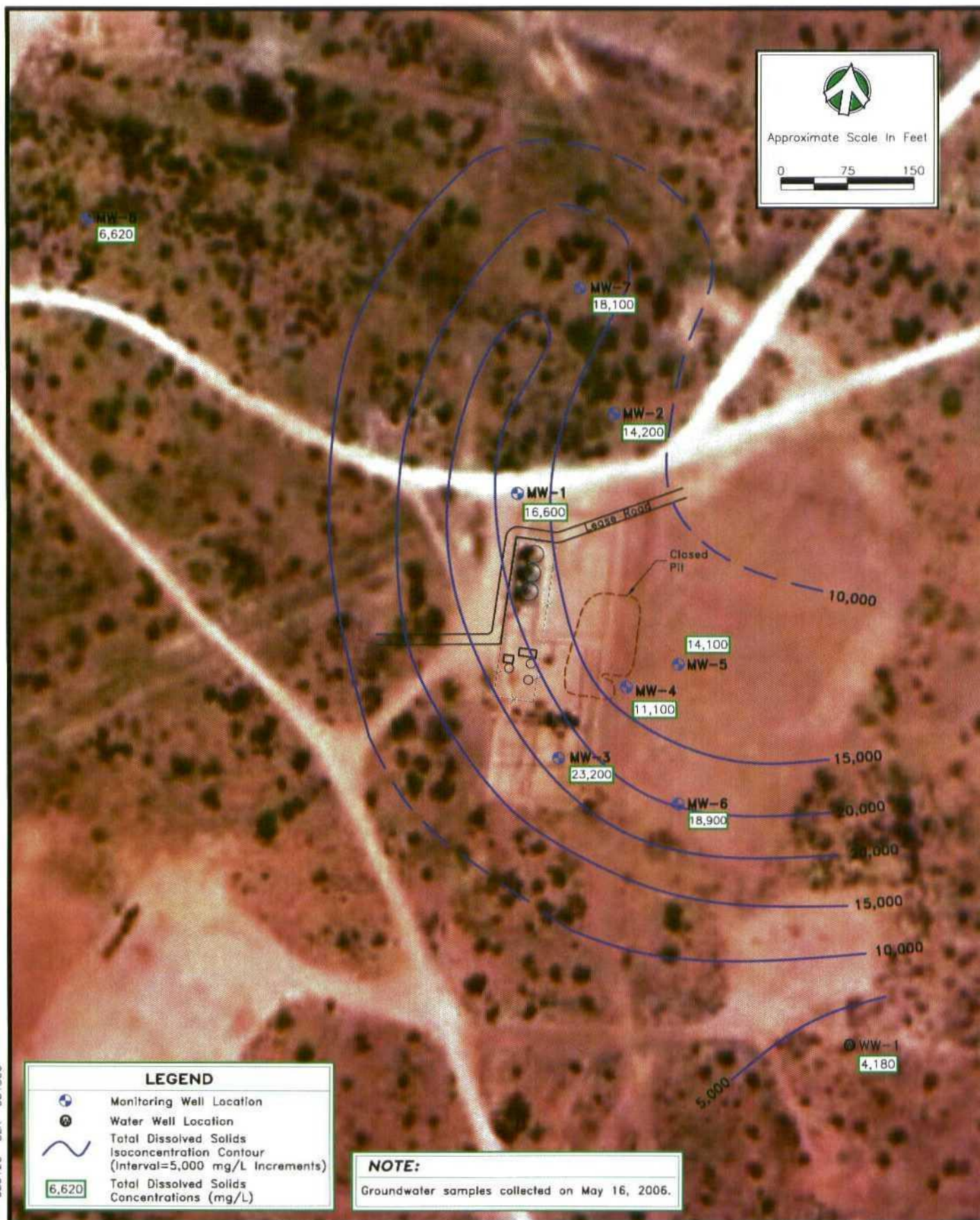


SULFATE ISOCONCENTRATION MAP - MAY 2006

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
J. R. PHILLIPS #2 TANK BATTERY, LEA COUNTY, NEW MEXICO

JOB No.
039126

FIGURE 5



**TOTAL DISSOLVED SOLIDS ISOCONCENTRATION MAP –
MAY 2006**

**CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
J. R. PHILLIPS #2 TANK BATTERY, LEA COUNTY, NEW MEXICO**

**JOB No.
039126**

FIGURE 6

TABLES

TABLE I
GROUNDWATER GAUGING SUMMARY
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
J.R. PHILLIPS TANK BATTERY #2
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Collection Date	Depth to Groundwater (ft TOC)	Casing Diameter (in)	Groundwater Elevation (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs)
MW-1 3571.61	5/2/01	39.33	2	3532.28	45.10	27-42
	05/21/02	40.37	---	3531.24	---	---
	11/12/02	40.92	---	3530.69	---	---
	05/15/03	41.11	---	3530.50	---	---
	09/03/03	41.54	---	3530.07	---	---
	11/20/03	41.65	---	3529.96	---	---
	05/03/04	41.40	---	3530.21	---	---
	05/10/05	38.86	---	3532.75	---	---
	05/15/06	34.70	---	3536.91	---	---
MW-2 3571.12	5/2/01	39.15	2	3531.97	45.12	27-42
	05/21/02	40.14	---	3530.98	---	---
	11/12/02	40.69	---	3530.43	---	---
	05/15/03	40.89	---	3530.23	---	---
	09/03/03	41.33	---	3529.79	---	---
	11/20/03	41.42	---	3529.70	---	---
	05/03/04	41.11	---	3530.01	---	---
	05/10/05	35.78	---	3535.34	---	---
	05/15/06	34.63	---	3536.49	---	---
MW-3 3570.70	5/2/01	39.30	2	3531.40	56.50	34-54
	05/21/02	40.57	---	3530.13	---	---
	11/12/02	41.09	---	3529.61	---	---
	05/15/03	41.26	---	3529.44	---	---
	09/03/03	41.61	---	3529.09	---	---
	11/20/03	41.73	---	3528.97	---	---
	05/03/04	41.60	---	3529.10	---	---
	05/10/05	36.89	---	3533.81	---	---
	05/15/06	35.70	---	3535.00	---	---
MW-4 3571.07	5/2/01	40.24	2	3530.83	57.12	34-54
	05/21/02	41.09	---	3529.98	---	---
	11/12/02	41.59	---	3529.48	---	---
	05/15/03	41.77	---	3529.30	---	---
	09/03/03	42.19	---	3528.88	---	---
	11/20/03	42.27	---	3528.80	---	---
	05/03/04	42.03	---	3529.04	---	---
	05/10/05	37.15	---	3533.92	---	---
	05/15/06	36.15	---	3534.92	---	---

TABLE I
GROUNDWATER GAUGING SUMMARY
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
J.R. PHILLIPS TANK BATTERY #2
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Collection Date	Depth to Groundwater (ft TOC)	Casing Diameter (in)	Groundwater Elevation (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs)
MW-5 3569.31	5/2/01	38.37	2	3530.94	57.75	34-54
	05/21/02	39.53	---	3529.78	---	---
	11/12/02	40.02	---	3529.29	---	---
	05/15/03	40.21	---	3529.10	---	---
	09/03/03	42.21	---	3527.10	---	---
	11/20/03	40.71	---	3528.60	---	---
	05/03/04	40.39	---	3528.92	---	---
	05/10/05	35.48	---	3533.83	---	---
	05/15/06	34.65	---	3534.66	---	---
MW-6 3569.53	5/2/01	39.40	2	3530.13	57.30	34-54
	05/21/02	40.22	---	3529.31	---	---
	11/12/02	40.72	---	3528.81	---	---
	05/15/03	40.88	---	3528.65	---	---
	09/03/03	41.92	---	3527.61	---	---
	11/20/03	41.33	---	3528.20	---	---
	05/03/04	41.12	---	3528.41	---	---
	05/10/05	36.56	---	3532.97	---	---
	05/15/06	35.65	---	3533.88	---	---
MW-7 3572.46	5/2/01	39.76	2	3532.70	57.85	36-56
	05/21/02	40.85	---	3531.61	---	---
	11/12/02	41.47	---	3530.99	---	---
	05/15/03	41.65	---	3530.81	---	---
	09/03/03	42.13	---	3530.33	---	---
	11/20/03	42.25	---	3530.21	---	---
	05/03/04	41.92	---	3530.54	---	---
	05/10/05	36.43	---	3536.03	---	---
	05/15/06	35.08	---	3537.38	---	---
MW-8 3577.66	5/2/01	40.35	2	3537.31	65.20	47-62
	05/21/02	49.27	---	3528.39	---	---
	11/12/02	43.15	---	3534.51	---	---
	05/15/03	43.30	---	3534.36	---	---
	09/03/03	43.52	---	3534.14	---	---
	11/20/03	43.87	---	3533.79	---	---
	05/03/04	44.07	---	3533.59	---	---
	05/10/05	32.30	---	3545.36	---	---
	05/15/06	33.45	---	3544.21	---	---
WW-1 3562.54	5/2/01	33.93	5	3528.61	69.35	Unknown
	05/21/02	34.60	---	3527.94	---	---
	11/12/02	35.03	---	3527.51	---	---
	09/03/03	35.51	---	3527.03	---	---
	11/20/03	35.56	---	3526.98	---	---
	05/03/04	35.49	---	3527.05	---	---
	05/10/05	30.58	---	3531.96	---	---
	05/15/06	30.05	---	3532.49	---	---

Notes:

1. TOC - Top of Casing.
2. bgs - below ground surface.

TABLE II
GROUNDWATER ANALYTICAL SUMMARY
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
J.R. PHILLIPS TANK BATTERY #2
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Carbonate Alkalinity	Bicarbonate Alkalinity	Total Alkalinity	Chloride	Fluoride	Nitrate - N	Sulfate	Calcium	Magnesium	Potassium	Sodium	TDS	
New Mexico Water Quality Control Commission Groundwater Standard														
					250	1.60	10	600						
MW-1	4/10/01	0.00	556	556	7,300	--	--	2,061	445	175	44.00	5,058	15,816	
	5/3/01	<2.00	500	500	6,913	--	--	2,020	323.4	172.5	52.11	3,756	14,501	
	5/23/02	<1.00	494	494	6,060	--	--	1,850	361	154	66.40	3,750	13,300	
	11/12/02	<0.10	456	456	6,030	--	--	1,400	235	143	67.40	3,060	12,800	
	5/15/03	<1.00	430	430	5,150	--	--	1,710	312	121	42.80	3,970	5,990	
	9/9/03	---	---	---	5,320	--	--	---	---	---	---	---	---	
	11/21/03	<1.00	460	460	4,910	--	--	1,730	302	121	54.6	3,360	11,540	
	5/4/04	<1.00	438	438	5,280	<4.00	<4.00	1,620	272	115	49.10	3,030	11,260	
	5/10/05	<1.00	412	412	7,000	<2.00	<2.00	2,360	453	211	94.50	3,780	16,250	
	5/16/06	<10	410	410	6,700	1.3	<0.40	1,700	403,000 D2	182,000 D2	38,400 D2	4,080,000 D1	16,600	
MW-2	4/10/01	0.00	566	566	8,704	--	--	2,611	569	296	31.00	5,871	19,312	
	5/3/01	<2.00	516	516	7,799	--	--	2,670	412.4	221.7	30.31	4,424	16,857	
	5/22/02	<1.00	530	530	7,320	--	--	2,150	471	204	42.20	4,200	15,700	
	11/12/02	<0.10	482	482	6,740	--	--	1,780	352	187	48.70	3,640	14,300	
	5/15/03	<1.00	498	498	5,850	--	--	1,990	312	150	31.30	4,670	14,000	
	9/9/03	---	---	---	6,470	--	--	---	---	---	---	---	---	
	11/21/03	<1.00	510	510	5,790	--	--	2,100	378	158	52.1	3,770	14,080	
	5/4/04	<1.00	530	530	6,040	<4.00	<4.00	1,950	326	136	43.80	3,300	12,520	
	5/10/05	<1.00	502	502	8,080	5.57	<2.00	2,090	385	171	52.90	4,310	17,050	
	5/16/06	<10	890	890	6,300	2.1	<0.40	1,600	375,000 D2	168,000 D2	9,330 D2	4,330,000 D1	14,200	
MW-3	5/3/01	<2.00	458	458	11,078	---	---	3,525	984	431.9	38.89	6,114	24,135	
	5/23/02	<1.00	512	512	10,800	---	---	3,920	999	350	56.50	6,210	24,200	
	11/13/02	<0.10	456	456	11,400	---	---	3,670	863	371	59.30	5,680	23,600	
	5/15/03	<1.00	462	462	10,700	---	---	4,220	921	315	34.10	5,870	24,200	
	9/9/03	---	---	---	10,300	---	---	---	---	---	---	---	---	
	11/21/03	<1.00	464	464	10,500	---	---	4,480	972	333	47.50	7,540	23,100	
	5/4/04	<1.00	478	478	11,400	<8.00	<8.00	4,750	808	291	54.10	5,290	22,500	
	5/10/05	<1.00	472	472	11,900	<2.00	<2.00	4,190	965	356	86.70	7,320	26,750	
	5/16/06	<10	550	550	8,600	0.76	<0.40	3,100	642,000 D2	243,000 D2	24,100 D2	6,040,000 D1	23,200	

TABLE II
GROUNDWATER ANALYTICAL SUMMARY
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
J.R. PHILLIPS TANK BATTERY #2
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Carbonate Alkalinity	Bicarbonate Alkalinity	Total Alkalinity	Chloride	Fluoride	Nitrate - N	Sulfate	Calcium	Magnesium	Potassium	Sodium	TDS
New Mexico Water Quality Control Commission Groundwater Standard													

TABLE II
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J.R. PHILLIPS TANK BATTERY #2
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Carbonate Alkalinity	Bicarbonate Alkalinity	Total Alkalinity	Chloride	Fluoride	Nitrate - N	Sulfate	Calcium	Magnesium	Potassium	Sodium	TDS
New Mexico Water Quality Control Commission Groundwater Standard													
					250	1.60	10	600					1,000
MW-7	5/2/01	<2.00	436	436	8,154	--	--	2,430	599.5	289.8	34.57	4,578	18,578
	5/22/02	<1.00	440	440	7,420	--	--	2,280	630	264	48.50	4,390	16,900
	11/12/02	<0.10	412	412	7,530	--	--	1,800	512	244	55.00	3,950	15,700
	5/15/03	<1.00	438	438	7,180	--	--	2,350	583	220	33.30	4,970	16,800
	9/9/03	---	---	---	6,910	--	--	---	---	---	---	---	---
	11/20/03	<1.00	434	434	6,360	--	--	2,110	532	204	52.70	3,770	14,500
	5/4/04	<1.00	418	418	6,610	<4.00	<4.00	1,930	527	188	47.10	3,460	16,600
	5/10/05	<1.00	450	450	8,210	2.14	<2.00	1,810	506	188	62.80	3,860	14,600
	5/16/06	<10	480	480	6,500	1.1	<0.40	1,700	530,000 D2	200,000 D2	15,600 D2	4,020,000 D1	18,100
MW-8	5/2/01	<2.00	426	426	7,445	--	--	1,213	766.7	295.7	52.68	2,999	16,325
	5/23/02	<1.00	430	430	6,680	--	--	1,260	701	237	75.90	3,420	13,300
	11/12/02	<0.10	444	444	7,270	--	--	1,220	591	254	88.00	3,150	14,000
	5/15/03	<1.00	468	468	7,300	--	--	1,690	777	265	55.10	4,580	15,700
	9/9/03	--	--	--	7,270	--	--	--	--	--	--	--	--
	11/20/03	<1.00	438	438	8,190	--	--	2,570	881	280	64.5	3,560	14,040
	5/4/04	<1.00	380	380	7,960	<6.00	<6.00	1,370	912	321	60.10	2,970	12,750
	5/10/05	<1.00	446	446	2,590	4.12	<1.00	936	228	84.40	46.30	1,740	5,635
	5/16/06	<10	480	480	2,600	3.1	<0.40	960	327,000 D2	117,000 D2	21,000 D2	1,680,000 D1	6,620
WW-1	--	--	--	--	13,152	--	--	--	--	--	--	--	--
	5/3/01	<2.00	<2.00	<2.00	12,053	--	--	629	1,419	387.3	38.95	1,486	22,571
	11/12/02	<0.10	<2.0	<2.0	<5.0	--	--	998	1,120	361	38.30	2,260	15,800
	5/15/03	<1.00	<4.00	<4.00	11,800	--	--	1,780	1,490	403	28.90	3,360	21,400
	9/9/03	--	--	--	<5.00	--	--	--	--	--	--	--	--
	11/21/03	<1.00	<4.00	<4.00	10,000	--	--	2,180	1,650	461	52.7	3,630	18,900
	5/4/04	<1.00	<4.00	<4.00	12,500	<8.00	<8.00	1,880	1,540	450	47.00	3,470	23,400
	5/10/05	<1.00	<4.00	<4.00	121	<1.00	<1.00	63.40	39.8	12.2	3.05	10.20	336
	5/16/06	<10	67	67	1,300	<0.50	1.9	110	155,000 D2	34,500 D2	<5,000 D2	186,000 D1	4,180

Notes:

1. Shaded cells indicate New Mexico Water Quality Control Commission (NMWQCC) exceedance.
2. Results shown in mg/L.
3. Analytical data prior to 2006 was provided to CRA by Larson & Associates.
4. D1 - The analysis was performed at a dilution due to the high analyte concentration.
5. D2 - The analysis was performed at a dilution due to the presence of matrix interferences.



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

December 27, 2001

CERTIFIED MAIL

RETURN RECEIPT NO. 7000-1670-0012-5357-8116

Mr. Rodney Bailey
Texaco Exploration & Production, Inc.
500 N. Loraine
Midland, Texas 79701

RE: CASE #1R0255
J.R. PHILLIPS #2 TANK BATTERY SITE
MONUMENT, NEW MEXICO

Dear Mr. Bailey:

The New Mexico Oil Conservation Division (OCD) has reviewed Texaco Exploration & Production, Inc.'s (Texaco) May 24, 2001 "GROUNDWATER ASSESSMENT REPORT, TEXACO EXPLORATION AND PRODUCTION INC., J.R. PHILLIPS TANK BATTERY #2, SE/4, NW/4, SECTION 6, TOWNSHIP 20 SOUTH, RANGE 37 EAST, LEA COUNTY, NEW MEXICO, MAY 24, 2001" which was submitted on behalf of Texaco by their consultant Larson & Associates, Inc. This document contains the results of Texaco's investigation of the extent of ground water contamination related to a former emergency pit at the J.R. Phillips #2 Tank Battery south of Monument, New Mexico. The document also contains a proposal for further ground water monitoring at the site.

The above referenced monitoring proposal is approved with the following conditions:

1. Ground water from the monitoring wells shall also be analyzed for concentrations of benzene, toluene, ethylbenzene and xylene (BTEX).
2. Texaco shall notify the OCD at least 48 hours in advance of scheduled activities such that the OCD has the opportunity to witness the events and split samples.

Please be advised that OCD approval does not relieve Texaco of responsibility if the work plan fails to adequately monitor contamination related to Texaco's activities, or if contamination exists which is outside the scope of the work plan. In addition, OCD approval does not relieve Texaco of responsibility for compliance with any other federal, state or local laws and regulations.

If you have any questions, please contact me at (505) 476-3491.

Sincerely,

A handwritten signature in cursive script, appearing to read "Will Olson".

William C. Olson
Hydrologist
Environmental Bureau

xc: Chris Williams, OCD Hobbs District Office
Mark Larson, Larson & Associates, Inc.



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

October 1, 2004

Mr. Rodney Bailey
ChevronTexaco
15 Smith Road
Midland, Texas 79705

**RE: CASE #1R0255
J.R. PHILLIPS #2 TANK BATTERY SITE
MONUMENT, NEW MEXICO**

Dear Mr. Bailey:

The New Mexico Oil Conservation Division (OCD) has reviewed ChevronTexaco's May 10, 2004 "ANNUAL GROUNDWATER MONITORING REPORT, CHEVRONTExACO EXPLORATION AND PRODUCTION COMPANY, J.R. PHILLIPS TANK BATTERY NO. 2, NW/4 SE/4, SECTION 30, TOWNSHIP 18 SOUTH, RANGE 38 EAST, LEA COUNTY, NEW MEXICO" which was submitted on behalf of ChevronTexaco by their consultant Larson & Associates, Inc. This document contains the results of ChevronTexaco's 2003 remediation and monitoring of contaminated ground water at the J.R. Phillips #2 Tank Battery south of Monument, New Mexico. The document also proposes to change the sampling schedule of ground water monitoring wells from semi-annual to annual sampling.

The above-referenced monitoring proposal is approved. Please be advised that OCD approval does not limit ChevronTexaco to the proposed work plan should the plan fail to adequately remediate or monitor contamination related to ChevronTexaco's activities, or if contamination exists which is outside the scope of the work plan. In addition, OCD approval does not relieve ChevronTexaco of responsibility for compliance with any other federal, state or local laws and regulations. If you have any questions, please contact me at (505) 476-3491.

Sincerely,

William C. Olson

Hydrologist

Environmental Bureau

xc: Chris Williams, OCD Hobbs District Office
Cindy K. Crain, Larson & Associates, Inc.

B



Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

May 24, 2006

Luke Markham
CRA
2135 S. Loop 250 West
Midland, TX 79701

RE: Project: 2059710
RE: Project ID: CEMC-JR.PHILLIPS

Dear Luke Markham:

Enclosed are the analytical results for sample(s) received by the laboratory on May 17, 2006. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Cindy Olavesen



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, Inc.

1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333

Fax: 504.469.0555

LELAP # 02006



Report of Laboratory Analysis

Project Number: 2059710





Sample Cross Reference Report

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: CRA

Project: CEMC-JR.PHILLIPS

Project No.: 2059710

Sample ID	Lab ID	Matrix	Collection Date/Time		Received Date/Time	
MW-1	20447687	Water	05/16/2006	13:00	05/17/2006	10:00
MW-2	20447688	Water	05/16/2006	11:10	05/17/2006	10:00
MW-3	20447689	Water	05/16/2006	12:00	05/17/2006	10:00
MW-4	20447690	Water	05/16/2006	12:30	05/17/2006	10:00
MW-5	20447691	Water	05/16/2006	12:45	05/17/2006	10:00
MW-6	20447692	Water	05/16/2006	11:40	05/17/2006	10:00
MW-7	20447693	Water	05/16/2006	10:50	05/17/2006	10:00
MW-8	20447694	Water	05/16/2006	10:10	05/17/2006	10:00
WW-1	20447695	Water	05/16/2006	10:56	05/17/2006	10:00
DUP	20447696	Water	05/16/2006		05/17/2006	10:00

5/24/2006 16:31:05

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: MW-1

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447687

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Calcium, Dissolved	EPA 6010	72651	10	403000	D2	ug/L	5000	17-May-06	18-May-06 10:03	KJR (1)
Magnesium, Dissolved	EPA 6010	72651	10	182000	D2	ug/L	5000	17-May-06	18-May-06 10:03	KJR (1)
Potassium, Dissolved	EPA 6010	72651	10	38400	D2	ug/L	5000	17-May-06	18-May-06 10:03	KJR (1)
Sodium, Dissolved	EPA 6010	72651	100	4080000	D1	ug/L	50000	17-May-06	18-May-06 13:50	KJR (1)

4 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitability.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (9) subcontract or field.

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New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
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Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: MW-2

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447688

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Calcium, Dissolved	EPA 6010	72651	10	375000	D2	ug/L	5000	17-May-06	18-May-06 10:21	KJR (1)
Magnesium, Dissolved	EPA 6010	72651	10	168000	D2	ug/L	5000	17-May-06	18-May-06 10:21	KJR (1)
Potassium, Dissolved	EPA 6010	72651	10	9330	D2	ug/L	5000	17-May-06	18-May-06 10:21	KJR (1)
Sodium, Dissolved	EPA 6010	72651	100	4330000	D1	ug/L	50000	17-May-06	18-May-06 14:08	KJR (1)

4 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
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(1b) Flash point less than 140 degrees F is hazardous for ignitability.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (9) subcontract or field.

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Arkansas Dept. of Environmental Quality - LA050004
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Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

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Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: MW-3

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447689

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Calcium, Dissolved	EPA 6010	72651	10	642000	D2	ug/L	5000	17-May-06	18-May-06 10:25	KJR (1)
Magnesium, Dissolved	EPA 6010	72651	10	243000	D2	ug/L	5000	17-May-06	18-May-06 10:25	KJR (1)
Potassium, Dissolved	EPA 6010	72651	10	24100	D2	ug/L	5000	17-May-06	18-May-06 10:25	KJR (1)
Sodium, Dissolved	EPA 6010	72651	100	6040000	D1	ug/L	50000	17-May-06	18-May-06 14:12	KJR (1)

4 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitability.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (8) subcontract or field.

New Orleans Laboratory Certifications
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Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

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Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: MW-4

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447690

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Calcium, Dissolved	EPA 6010	72651	10	253000	D2	ug/L	5000	17-May-06	18-May-06 10:33	KJR (1)
Magnesium, Dissolved	EPA 6010	72651	10	146000	D2	ug/L	5000	17-May-06	18-May-06 10:33	KJR (1)
Potassium, Dissolved	EPA 6010	72651	10	ND	D2	ug/L	5000	17-May-06	18-May-06 10:33	KJR (1)
Sodium, Dissolved	EPA 6010	72651	100	4120000	D1	ug/L	50000	17-May-06	18-May-06 14:16	KJR (1)

4 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
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(1b) Flash point less than 140 degrees F is hazardous for ignitability.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

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New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10286
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: MW-5

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447691

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Calcium, Dissolved	EPA 6010	72651	10	335000	D2	ug/L	5000	17-May-06	18-May-06 10:41	KJR (1)
Magnesium, Dissolved	EPA 6010	72651	10	143000	D2	ug/L	5000	17-May-06	18-May-06 10:41	KJR (1)
Potassium, Dissolved	EPA 6010	72651	10	23900	D2	ug/L	5000	17-May-06	18-May-06 10:41	KJR (1)
Sodium, Dissolved	EPA 6010	72651	100	4110000	D1	ug/L	50000	17-May-06	18-May-06 14:20	KJR (1)

4 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitability.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

5/24/2006 16:31:06
New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: MW-6

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447692

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Calcium, Dissolved	EPA 6010	72651	10	620000	D2	ug/L	5000	17-May-06	18-May-06 10:53	KJR (1)
Magnesium, Dissolved	EPA 6010	72651	10	268000	D2	ug/L	5000	17-May-06	18-May-06 10:53	KJR (1)
Potassium, Dissolved	EPA 6010	72651	10	24200	D2	ug/L	5000	17-May-06	18-May-06 10:53	KJR (1)
Sodium, Dissolved	EPA 6010	72651	100	5980000	D1	ug/L	50000	17-May-06	18-May-06 14:32	KJR (1)

4 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
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(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitibility.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (5) subcontract or field.

5/24/2006 16:31:06
New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87585
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: MW-7

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447693

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Calcium, Dissolved	EPA 6010	72651	10	530000	D2	ug/L	5000	17-May-06	18-May-06 10:58	KJR (1)
Magnesium, Dissolved	EPA 6010	72651	10	200000	D2	ug/L	5000	17-May-06	18-May-06 10:58	KJR (1)
Potassium, Dissolved	EPA 6010	72651	10	15600	D2	ug/L	5000	17-May-06	18-May-06 10:58	KJR (1)
Sodium, Dissolved	EPA 6010	72651	100	4020000	D1	ug/L	50000	17-May-06	18-May-06 14:36	KJR (1)

4 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitability.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (8) subcontract or field.

5/24/2006 16:31:06
New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: MW-8

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447694

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Calcium, Dissolved	EPA 6010	72651	10	327000	D2	ug/L	5000	17-May-06	18-May-06 11:02	KJR (1)
Magnesium, Dissolved	EPA 6010	72651	10	117000	D2	ug/L	5000	17-May-06	18-May-06 11:02	KJR (1)
Potassium, Dissolved	EPA 6010	72651	10	21000	D2	ug/L	5000	17-May-06	18-May-06 11:02	KJR (1)
Sodium, Dissolved	EPA 6010	72651	100	1680000	D1	ug/L	50000	17-May-06	18-May-06 14:40	KJR (1)

4 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitability.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

5/24/2006 16:31:06
New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10286
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: WW-1

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447695

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Calcium, Dissolved	EPA 6010	72651	10	155000	D2	ug/L	5000	17-May-06	18-May-06 11:06	KJR (1)
Magnesium, Dissolved	EPA 6010	72651	10	34500	D2	ug/L	5000	17-May-06	18-May-06 11:06	KJR (1)
Potassium, Dissolved	EPA 6010	72651	10	ND	D2	ug/L	5000	17-May-06	18-May-06 11:06	KJR (1)
Sodium, Dissolved	EPA 6010	72651	100	186000	D1	ug/L	50000	17-May-06	18-May-06 14:44	KJR (1)

4 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitability.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10286
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

5/24/2006 16:31:06



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: DUP

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447696

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Calcium, Dissolved	EPA 6010	72651	10	400000	D2	ug/L	5000	17-May-06	18-May-06 11:10	KJR (1)
Magnesium, Dissolved	EPA 6010	72651	10	178000	D2	ug/L	5000	17-May-06	18-May-06 11:10	KJR (1)
Potassium, Dissolved	EPA 6010	72651	10	39100	D2	ug/L	5000	17-May-06	18-May-06 11:10	KJR (1)
Sodium, Dissolved	EPA 6010	72651	100	4200000	D1	ug/L	50000	17-May-06	18-May-06 14:48	KJR (1)

4 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitibility.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

5/24/2006 16:31:06
New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10286
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: MW-1

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447687

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Total Dissolved Solids	SM 2540C	72643	1	16600		mg/L	10.0 ,	22-May-06	22-May-06 14:45	TAE (1)
1 parameter(s) reported										

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
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(1b) Flash point less than 140 degrees F is hazardous for ignitability.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

5/24/2006 16:31:06



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: MW-2

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447688

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Total Dissolved Solids	SM 2540C	72643	1	14200		mg/L	10.0	22-May-06	22-May-06 14:45	TAE (1)
1 parameter(s) reported										

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitability.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

5/24/2006 16:31:06
New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10286
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: MW-3

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447689

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Total Dissolved Solids	SM 2540C	72643	1	23200		mg/L	10.0	22-May-06	22-May-06 14:45	TAE (1)

1 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitability.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

5/24/2006 16:31:06
New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10296
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: MW-4

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447690

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Total Dissolved Solids	SM 2540C	72643	1	11100		mg/L	10.0	22-May-06	22-May-06 14:45	TAE (1)
1 parameter(s) reported										

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
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(1b) Flash point less than 140 degrees F is hazardous for ignitability.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (8) subcontract or field.

5/24/2006 16:31:06
New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
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Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: MW-5

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447691

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Total Dissolved Solids	SM 2540C	72643	1	14100		mg/L	10.0	22-May-06	22-May-06 14:45	TAE (1)

1 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
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5/24/2006 16:31:06
New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
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St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: MW-6

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447692

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Total Dissolved Solids	SM 2540C	72643	1	18900		mg/L	10.0	22-May-06	22-May-06 14:45	TAE (1)

1 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
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Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (5) subcontract or field.

5/24/2006 16:31:06
New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: MW-7

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447693

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Total Dissolved Solids	SM 2540C	72643	1	18100		mg/L	10.0	22-May-06	22-May-06 14:45	TAE (1)

1 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
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(1b) Flash point less than 140 degrees F is hazardous for ignitability.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (9) subcontract or field.

5/24/2006 16:31:06
New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87585
Kansas Dept. of Health Environment - E-10286
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: MW-8

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447694

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Total Dissolved Solids	SM 2540C	72643	1	6620		mg/L	10.0	17-May-06	17-May-06 14:30	SMS2 (1)
1 parameter(s) reported										

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitability.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

5/24/2006 16:31:06
New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87585
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
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St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: WW-1

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447695

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Total Dissolved Solids	SM 2540C	72643	1	4180		mg/L	10.0	17-May-06	17-May-06 14:30	SMS2 (1)

1 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitability.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

5/24/2006 16:31:06
New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87385
Kansas Dept. of Health Environment - E-10286
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: DUP

Client: CRA

Project: CEMC-JR.PHILLIPS

Site: None

Lab ID: 20447696

Project No.: 2059710

Description: None

Matrix: Water

%Moisture: n/a

Collected: 05/16/06

Received: 05/17/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Reporting Limit	Prep.	Analysis	Reg. Limit
Total Dissolved Solids	SM 2540C	72643	1	16300		mg/L	10.0	22-May-06	22-May-06 14:45	TAE (1)

1 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitability.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

5/24/2006 16:31:06
New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

Report of Quality Control

Pace Analytical Services, Inc.

1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333

Fax: 504.469.0555

LELAP # 02006

Pace Analytical*
New Orleans Laboratory

Project No.: 2059710

Parameter	Batch	Blank	ARL	Units	LCS Spike	LCS %Rec	LCSD %Rec	LCS RPD	MS Spike	MS %Rec	MSD %Rec	(1)MS RPD	DUP RPD	QC Limits LCS	MS/MSD	RPD Max	Qu
Calcium, Diss	72651	ND	500.	ug/L	10000	97			10000	0 *	70 *	2		73 - 115	75 - 125	20	D2
Magnesium, D	72651	ND	500.	ug/L	10000	97			10000	38 *	72 *	2		73 - 116	75 - 125	20	D2
Potassium, Dis	72651	ND	500.	ug/L	10000	96			10000	119	119	0		73 - 114	75 - 125	20	D2
Sodium, Disso	72651	ND	500.	ug/L	10000	96			10000	1253 *	2146 *	2		64 - 122	75 - 125	20	D1

ARL denotes Adjusted Reporting Limit, corrected for sample size, dilution and moisture content as applicable.

* denotes recovery outside of QC limits.

(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

5/24/2006 16:31:07

New Orleans Laboratory Certifications

Louisiana Dept. of Environmental Quality (LELAP) - 02006

Arkansas Dept. of Environmental Quality - LA050004

Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004

Florida Dept. of Health (NELAC) - E87595

Kansas Dept. of Health Environment - E-10266

U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

Report of Quality Control

Pace Analytical Services, Inc.
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 St. Rose, LA 70087
 Phone: 504.469.0333
 Fax: 504.469.0555
 LELAP # 02006

Pace Analytical®
 New Orleans Laboratory

Wet Chemistry Quality Control Results

Project No.: 2059710

Parameter	Batch	Blank	ARL	Units	LCS Spike	LCS %Rec	LCSD %Rec	LCS RPD	MS Spike	MS %Rec	MSD %Rec	(1)MS RPD	DUP RPD	QC Limits LCS	MS/MSD	RPD Max	Qu
Total Dissolve	72643	ND	10.0	mg/L	100	100								80 - 120	-		
Total Dissolve	72643	ND	10.0	mg/L	100	96						0		80 - 120	-		20

ARL denotes Adjusted Reporting Limit, corrected for sample size, dilution and moisture content as applicable.
 * denotes recovery outside of QC limits.
 (1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

5/24/2006 16:31:07
New Orleans Laboratory Certifications
 Louisiana Dept. of Environmental Quality (LELAP) - 02006
 Arkansas Dept. of Environmental Quality - LA050004
 Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
 Florida Dept. of Health (NELAC) - E87585
 Kansas Dept. of Health Environment - E-10266
 U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

Report Qualifiers



Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Project No.: **2059710**

General Qualifiers

Qualifier	Qualifier Description
D1	The analysis was performed at a dilution due to the high analyte concentration.
D2	The analysis was performed at a dilution due to the presence of matrix interferences.

5/24/2006 16:31:07

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - LA050004
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050004
Florida Dept. of Health (NELAC) - E87585
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 872025

Client: PACE ANALYTICAL SERVICES, INC.

Lab Contact: Brian Basten

Project Name: CHEVRON / CRA

Project Number: 2059710

Lab Sample Number	Field ID	Matrix	Collection Date
872025-001	MW 1 51606	WATER	05/16/06 01:00
872025-002	MW 2 51606	WATER	05/16/06 11:10
872025-003	MW 3 51606	WATER	05/16/06 12:00
872025-004	MW 4 51606	WATER	05/16/06 12:30
872025-005	MW 5 51606	WATER	05/16/06 12:45
872025-006	MW 6 51606	WATER	05/16/06 11:40
872025-007	MW 7 51606	WATER	05/16/06 10:50
872025-008	MW 8 51606	WATER	05/16/06 10:10
872025-009	VW 11 51606	WATER	05/16/06 10:56
872025-010	DUP	WATER	05/16/06

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Approval Signature

Date

5-24-06

**Pace Analytical
Services, Inc.**

Analytical Report Number: 872025

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : PACE ANALYTICAL SERVICES, INC.

Project Name : CHEVRON / CRA

Project Number : 2059710

Field ID : MW 1 51606

Matrix Type : WATER

Collection Date : 05/16/06

Report Date : 05/24/06

Lab Sample Number : 872025-001

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Hydroxide Alkalinity	< 10	10	1	mg/L		05/19/06	EPA 310.2	EPA 310.2
Bicarbonate Alkalinity	410	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Carbonate Alkalinity	< 10	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Chloride	6700	500	100	mg/L		05/17/06	EPA 300.0	EPA 300.0
Fluoride	1.3	0.50	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	< 0.40	0.40	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Sulfate	1700	400	100	mg/L		05/17/06	EPA 300.0	EPA 300.0

**Pace Analytical
Services, Inc.**

Analytical Report Number: 872025

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : PACE ANALYTICAL SERVICES, INC.

Project Name : CHEVRON / CRA

Project Number : 2059710

Field ID : MW 2 51606

Matrix Type : WATER

Collection Date : 05/16/06

Report Date : 05/24/06

Lab Sample Number : 872025-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Hydroxide Alkalinity	< 10	10	1	mg/L		05/19/06	EPA 310.2	EPA 310.2
Bicarbonate Alkalinity	890	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Carbonate Alkalinity	< 10	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Chloride	6300	500	100	mg/L		05/17/06	EPA 300.0	EPA 300.0
Fluoride	2.1	0.50	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	< 0.40	0.40	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Sulfate	1600	400	100	mg/L		05/17/06	EPA 300.0	EPA 300.0

**Pace Analytical
Services, Inc.**

Analytical Report Number: 872025

1241 Bellevue Street
Green Bay, WI 54302
920-469-2438

Client : PACE ANALYTICAL SERVICES, INC.

Project Name : CHEVRON / CRA

Project Number : 2059710

Field ID : MW 3 51606

Matrix Type : WATER

Collection Date : 05/16/06

Report Date : 05/24/06

Lab Sample Number : 872025-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Hydroxide Alkalinity	< 10	10	1	mg/L		05/19/06	EPA 310.2	EPA 310.2
Bicarbonate Alkalinity	550	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Carbonate Alkalinity	< 10	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Chloride	8600	500	100	mg/L		05/17/06	EPA 300.0	EPA 300.0
Fluoride	0.76	0.50	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	< 0.40	0.40	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Sulfate	3100	400	100	mg/L		05/17/06	EPA 300.0	EPA 300.0

**Pace Analytical
Services, Inc.**

Analytical Report Number: 872025

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : PACE ANALYTICAL SERVICES, INC.

Project Name : CHEVRON / CRA

Project Number : 2059710

Field ID : MW 4 51606

Matrix Type : WATER

Collection Date : 05/16/06

Report Date : 05/24/06

Lab Sample Number : 872025-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Hydroxide Alkalinity	< 10	10	1	mg/L		05/19/06	EPA 310.2	EPA 310.2
Bicarbonate Alkalinity	750	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Carbonate Alkalinity	< 10	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Chloride	6400	500	100	mg/L		05/17/06	EPA 300.0	EPA 300.0
Fluoride	0.81	0.50	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	< 0.40	0.40	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Sulfate	1900	400	100	mg/L		05/17/06	EPA 300.0	EPA 300.0

**Pace Analytical
Services, Inc.**

Analytical Report Number: 872025

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : PACE ANALYTICAL SERVICES, INC.

Project Name : CHEVRON / CRA

Project Number : 2059710

Field ID : MW 5 51606

Matrix Type : WATER

Collection Date : 05/16/06

Report Date : 05/24/06

Lab Sample Number : 872025-005

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Hydroxide Alkalinity	< 10	10	1	mg/L		05/19/06	EPA 310.2	EPA 310.2
Bicarbonate Alkalinity	530	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Carbonate Alkalinity	< 10	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Chloride	5800	500	100	mg/L		05/17/06	EPA 300.0	EPA 300.0
Fluoride	1.4	0.50	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	< 0.40	0.40	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Sulfate	1600	400	100	mg/L		05/17/06	EPA 300.0	EPA 300.0

**Pace Analytical
Services, Inc.**

Analytical Report Number: 872025

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : PACE ANALYTICAL SERVICES, INC.

Project Name : CHEVRON / CRA

Project Number : 2059710

Field ID : MW 6 51606

Matrix Type : WATER

Collection Date : 05/16/06

Report Date : 05/24/06

Lab Sample Number : 872025-006

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Hydroxide Alkalinity	< 10	10	1	mg/L		05/19/06	EPA 310.2	EPA 310.2
Bicarbonate Alkalinity	750	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Carbonate Alkalinity	< 10	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Chloride	8700	500	100	mg/L		05/17/06	EPA 300.0	EPA 300.0
Fluoride	1.0	0.50	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	< 0.40	0.40	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Sulfate	3200	400	100	mg/L		05/17/06	EPA 300.0	EPA 300.0

**Pace Analytical
Services, Inc.**

Analytical Report Number: 872025

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : PACE ANALYTICAL SERVICES, INC.

Project Name : CHEVRON / CRA

Project Number : 2059710

Field ID : MW 7 51606

Matrix Type : WATER

Collection Date : 05/16/06

Report Date : 05/24/06

Lab Sample Number : 872025-007

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Ani Date	Prep Method	Ani Method
Hydroxide Alkalinity	< 10	10	1	mg/L		05/19/06	EPA 310.2	EPA 310.2
Bicarbonate Alkalinity	480	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Carbonate Alkalinity	< 10	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Chloride	6500	500	100	mg/L		05/17/06	EPA 300.0	EPA 300.0
Fluoride	1.1	0.50	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	< 0.40	0.40	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Sulfate	1700	400	100	mg/L		05/17/06	EPA 300.0	EPA 300.0

**Pace Analytical
Services, Inc.**

Analytical Report Number: 872025

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : PACE ANALYTICAL SERVICES, INC.

Project Name : CHEVRON / CRA

Project Number : 2059710

Field ID : MW 8 51606

Matrix Type : WATER

Collection Date : 05/16/06

Report Date : 05/24/06

Lab Sample Number : 872025-008

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Hydroxide Alkalinity	< 10	10	1	mg/L		05/19/06	EPA 310.2	EPA 310.2
Bicarbonate Alkalinity	480	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Carbonate Alkalinity	< 10	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Chloride	2600	500	100	mg/L		05/17/06	EPA 300.0	EPA 300.0
Fluoride	3.1	0.50	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	< 0.40	0.40	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Sulfate	960	400	100	mg/L		05/17/06	EPA 300.0	EPA 300.0

**Pace Analytical
Services, Inc.**

Analytical Report Number: 872025

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : PACE ANALYTICAL SERVICES, INC.

Project Name : CHEVRON / CRA

Project Number : 2059710

Field ID : WW 11 51606

Matrix Type : WATER

Collection Date : 05/16/06

Report Date : 05/24/06

Lab Sample Number : 872025-009

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Hydroxide Alkalinity	< 10	10	1	mg/L		05/19/06	EPA 310.2	EPA 310.2
Bicarbonate Alkalinity	67	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Carbonate Alkalinity	< 10	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Chloride	1300	100	20	mg/L		05/17/06	EPA 300.0	EPA 300.0
Fluoride	< 0.50	0.50	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	1.9	0.40	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Sulfate	110	20	5	mg/L		05/17/06	EPA 300.0	EPA 300.0

**Pace Analytical
Services, Inc.**

Analytical Report Number: 872025

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : PACE ANALYTICAL SERVICES, INC.

Project Name : CHEVRON / CRA

Project Number : 2059710

Field ID : DUP

Matrix Type : WATER

Collection Date : 05/16/06

Report Date : 05/24/06

Lab Sample Number : 872025-010

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date	Prep Method	Anl Method
Hydroxide Alkalinity	< 10	10	1	mg/L		05/19/06	EPA 310.2	EPA 310.2
Bicarbonate Alkalinity	420	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Carbonate Alkalinity	< 10	10	1	mg/L		05/19/06	SM 2320B	SM 2320B
Chloride	6700	500	100	mg/L		05/17/06	EPA 300.0	EPA 300.0
Fluoride	1.3	0.50	1	mg/L	N	05/17/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	< 0.40	0.40	1	mg/L		05/17/06	EPA 300.0	EPA 300.0
Sulfate	1700	400	100	mg/L		05/17/06	EPA 300.0	EPA 300.0

Qualifier Codes

Flag Applies To Explanation

A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

**Pace Analytical
Services, Inc.**

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	872025-001	872025-002	872025-003	872025-004	872025-005	872025-006	872025-007	872025-008	872025-009	872025-010
ALKALINITY HYDROXIDE	B	B	B	B	B	B	B	B	B	B
ALKALINITY, BICARB/CARB	B	B	B	B	B	B	B	B	B	B
CHLORIDE	B	B	B	B	B	B	B	B	B	B
FLUORIDE	B	B	B	B	B	B	B	B	B	B
NITROGEN, NITRATE	B	B	B	B	B	B	B	B	B	B
SULFATE	B	B	B	B	B	B	B	B	B	B

Code	Facility	Address	TX Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	Not Certified



Sample Condition Upon Receipt

Client Name: CRA Project # 872025

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Custody Seal on Cooler/Box Present: ☒ yes ☐ no Seals intact: ☒ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other _____

Thermometer Used JB

Type of Ice: Wet Blue None

☐ Samples on ice, cooling process has begun

Cooler Temperature 1.5°C

Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 5-17-06 GD
6/5/17/06

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>NO3</u> <u>5-17-06 GD</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix	<u>W</u>	
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature]

Date: 5-18-06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

[illegible]

ORIGINAL

