3R - 090

QUARTERLY REPORTS

8/09/2007

6121 Indian School Rd. NE Suite 200
Albuquerque, NM 87110
(505) 237-8440

TETRA TECH, INC.

August 9, 2007

Mr. Glen Von Gonten
State of New Mexico Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

RE: (1) ConocoPhillips Nell Hall #1 2007 Semi-Annual Report 3R090
Flora Vista, New Mexico
(2) ConocoPhillips Shephard & Kelsey #1 2007 Quarterly Report for Site Closure
Bloomfield, New Mexico 3R097

Dear Mr. Von Gonten:

Enclosed please find a copy of the above-referenced documents as compiled by Tetra Tech, Inc., for these Farmington area sites.

Tetra Tech previously requested returning to annual sampling for the Nell Hall #1 site in the April 2007 report based on an elevated concentration of benzene in one monitoring well during the February 2007 sampling event. The current semi-annual sampling schedule requires ConocoPhillips to sample again on August 22, 2007. On behalf of ConocoPhillips, Tetra Tech is requesting approval of the annual monitoring schedule prior to that date.

We are also requesting closure for the Shephard & Kelsey #1 site. The May 14, 2007 sampling event represents the fourth consecutive quarter of results indicating concentrations of BTEX in monitor well SB-12 below NMWQCC standards. The gas production well and all associated equipment and installations have been removed from the site. The landowners are awaiting closure so that they may use the land for agricultural purposes. The current quarterly monitoring schedule requires ConocoPhillips to sample again on August 20, 2007. On behalf of ConocoPhillips, Tetra Tech is requesting approval of the closure of this site prior to that date.

Please do not hesitate to contact me at (505) 237-8440 if you have any questions or require additional information.

Sincerely,

Kelly E. Henderson

Kelly E. Henderson
Project Manager/Geologist

Enclosures (2)

GROUNDWATER MONITORING REPORT

CONOCOPHILLIPS
NELL HALL #1
FLORA VISTA, NEW MEXICO

OCD # 3R0090

Prepared for:

ConocoPhillips

600 North Dairy Ashford
Houston, TX 77079

Prepared by:

TETRA TECH, INC.

6121 Indian School Rd. NE
Albuquerque, NM 87110
Tetra Tech Project No. 7690022.100

April 11, 2007

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GROUNDWATER MONITORING REPORT
NELL HALL #1, FLORA VISTA, NEW MEXICO

1.0 INTRODUCTION

This report presents the results of the annual groundwater monitoring event conducted on February 21, 2007 at the ConocoPhillips Nell Hall #1 Site in Flora Vista, New Mexico, by Tetra Tech, Inc. (Tetra Tech).

The site is located northeast of Farmington, New Mexico on Flora Vista Road in Flora Vista, New Mexico approximately 2 miles west of Aztec, New Mexico. The site consists of a gas production well and associated equipment and installations. The location and general features of the Nell Hall #1 site are shown on Figures 1 and 2, respectively.

The environmental investigation at this site began with the attempted closure of an unlined dehydrator discharge pit in the early 1990's. Soil and groundwater impacts were discovered and three monitoring wells were installed. Due to an ongoing drought, the wells became dry. Souder Miller and Associates installed three additional monitoring wells to greater depths on February 17 and 18, 2004. MW-4 and MW-6 were installed to 35 feet below ground surface (bgs) with 30 feet of slotted screen and MW-5 was installed to 39 feet bgs with 35 feet of slotted screen.

On February 19, 2007 Tetra Tech was onsite to measure the depths to water and bail the wells. On February 21, 2007, Tetra Tech returned to the site to conduct a groundwater sampling event. Groundwater samples from MW-4, MW-5, and MW-6 were collected and shipped to Lancaster Laboratories in Lancaster, Pennsylvania to be analyzed for the presence of benzene, toluene, ethylbenezene, and xylenes (BTEX), sulfate, nitrate, phosphate, and ferrous iron.

2.0 METHODOLOGY AND RESULTS

The following describes the groundwater monitoring methodology and results:

2.1 Groundwater Monitoring Methodology

On February 19, monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5, and MW-6 were checked for the presence of water. Monitoring wells MW-4, MW-5, and MW-6 were purged of three volumes of water and sampled. A 1.5-inch dedicated, clear, poly-vinyl, disposable bailer was used to purge each well and to collect the groundwater sample on February 21st. The purge water generated during the event was disposed of in the waste water tank located on site (Figure 2). The groundwater samples were placed in laboratory prepared bottles, packed on ice, and shipped with chain-of-custody documentation to Lancaster Laboratories located in Lancaster, Pennsylvania. The samples were analyzed for the presence of BTEX by Environmental

Protection Agency (EPA) Method 8260B, sulfate and nitrate by EPA Method 300.0, phosphate by EPA Method 365.1, and ferrous iron by Standard Method (SM) 20, 3500-Fe B Modified.

A groundwater elevation contour map was created using the February 19, 2007 groundwater elevation data (Figure 3). Table 1 presents the well specifications, historical groundwater levels, and the top of casing survey results used to calculate the groundwater elevations at the site.

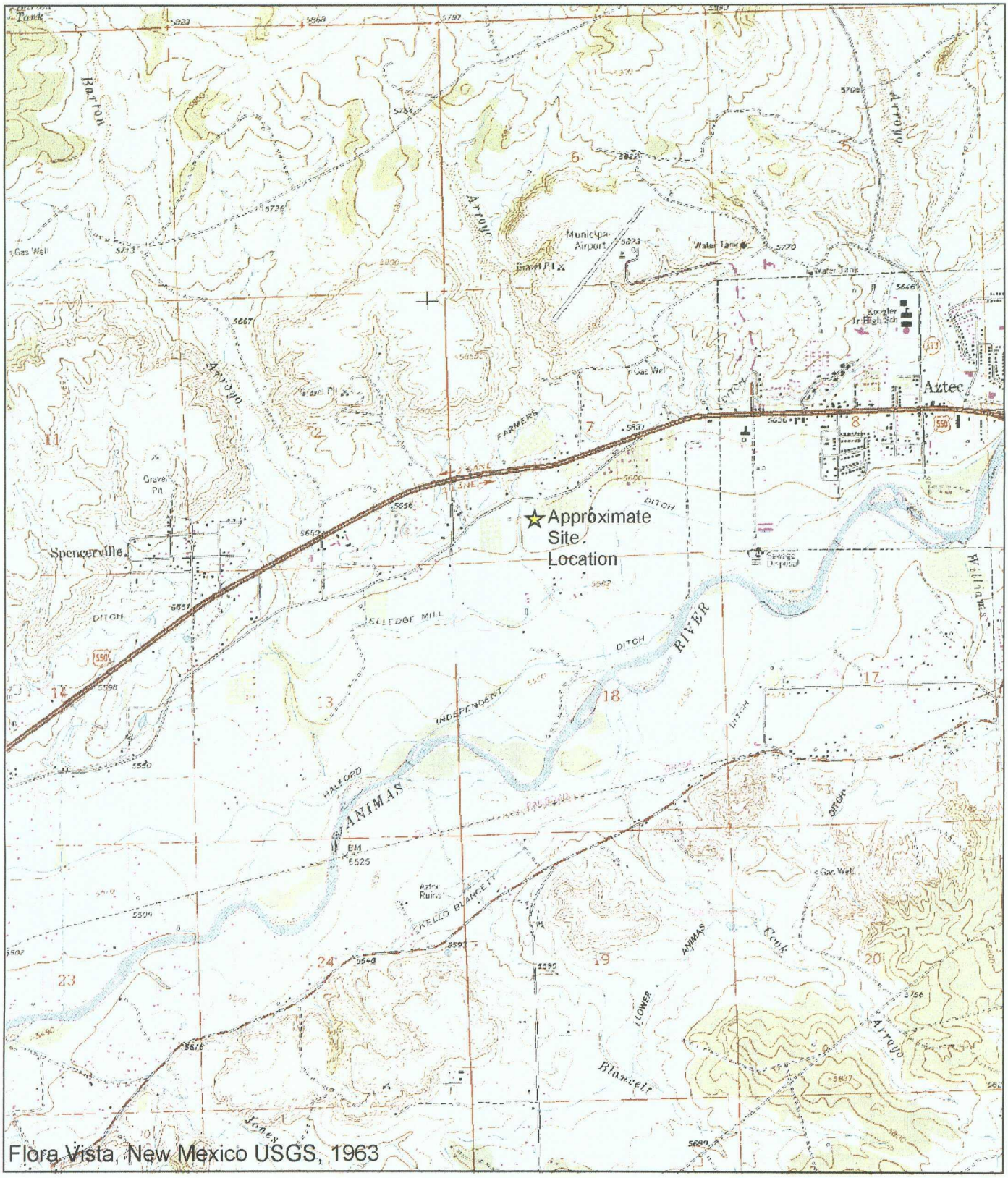
2.2 Groundwater Sampling Analytical Results

During the February 21, 2007 sampling event, the sample collected from MW-4 was below laboratory detection limits for BTEX and nitrate. The sample collected from MW-4 contained a ferrous iron concentration of 1.6 mg/L; all other constituents of concern (COCs) were below the New Mexico Water Quality Control Commission (NMWQCC) standards. MW-5 yielded results below the NMWQCC standards. The sample collected from MW-6 was below laboratory detection limits for toluene and nitrate and contained concentrations of 540 µg/L for benzene, 810 µg/L for xylenes, and 6.4 mg/L for ferrous iron. All other COCs in the sample collected from MW-6 were below NMWQCC standards. Previous analytical results of BTEX in groundwater were non-detect or below NMWQCC standards; therefore Tetra Tech proposed quarterly groundwater monitoring following the November 2006 sampling event. Table 2 summarizes historical laboratory analytical results for groundwater sampling events. The February 2007 laboratory analytical results report is included as Appendix A.

3.0 CONCLUSIONS

Based on the February 2007 sampling results, Tetra Tech recommends returning to annual groundwater monitoring and conducting a focused soil investigation around MW-6 followed by evaluation of remediation alternatives. Previous groundwater contour maps shown in Appendix B indicate fluctuations in groundwater flow directions and gradient. Further investigation will be necessary to completely delineate the groundwater impacts at the site. Tetra Tech will attempt to conduct the next sampling event in November 2007. The soil investigation along with the groundwater impact delineation will begin prior to the next sampling event. Please contact Kelly Henderson at 505-237-8440 or kelly.henderson@tetratech.com if you have any questions or require additional information.

FIGURES



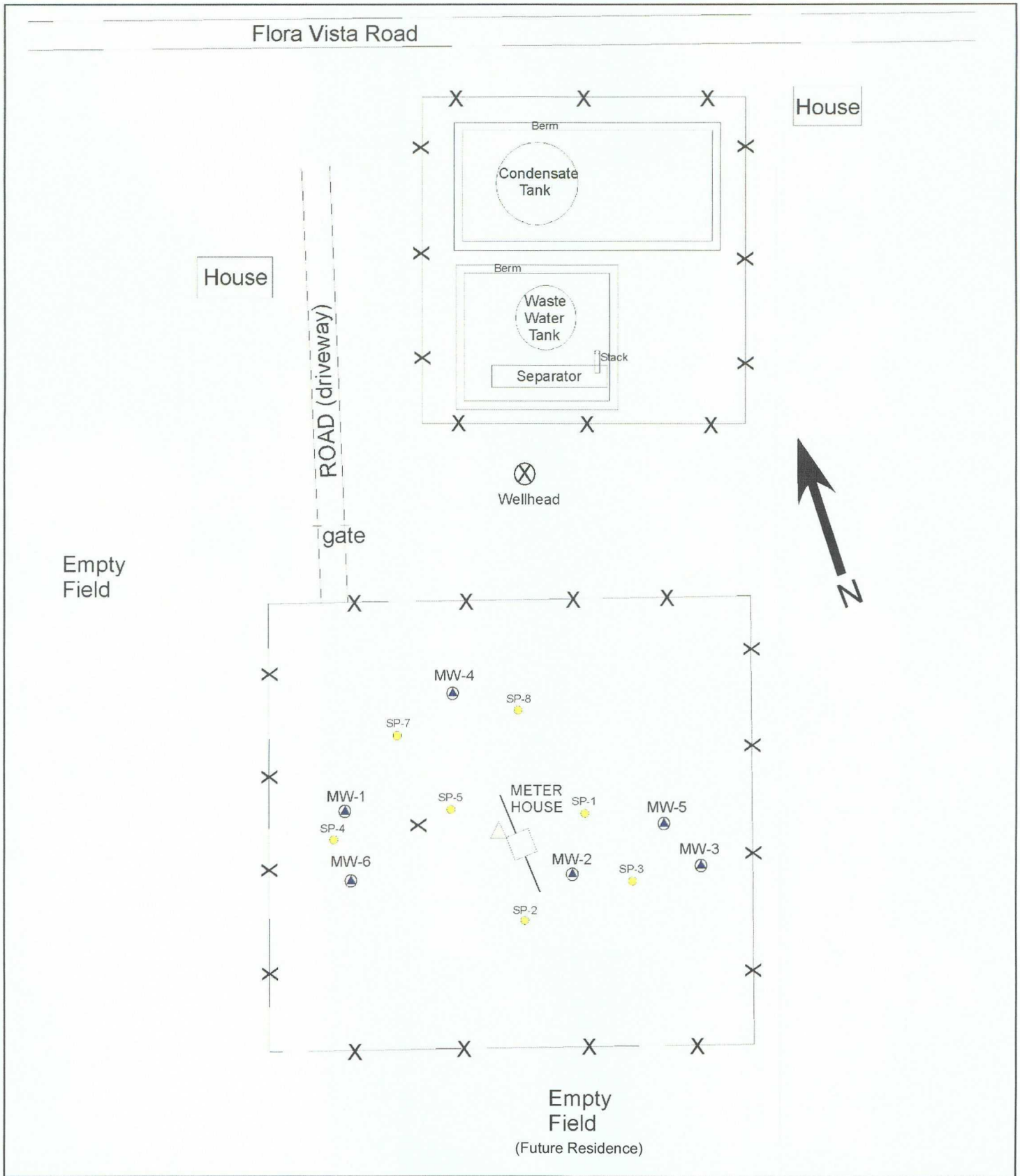
TETRA TECH, INC.

500

0 1000 feet

☆ = Site Location

Figure 1. Site Location Map
ConocoPhillips Nell Hall #1 Site
Flora Vista, New Mexico



SCALE

0 20' 40' 80'

TETRA TECH, INC.

LEGEND

MW-2 - Monitoring Well Locations

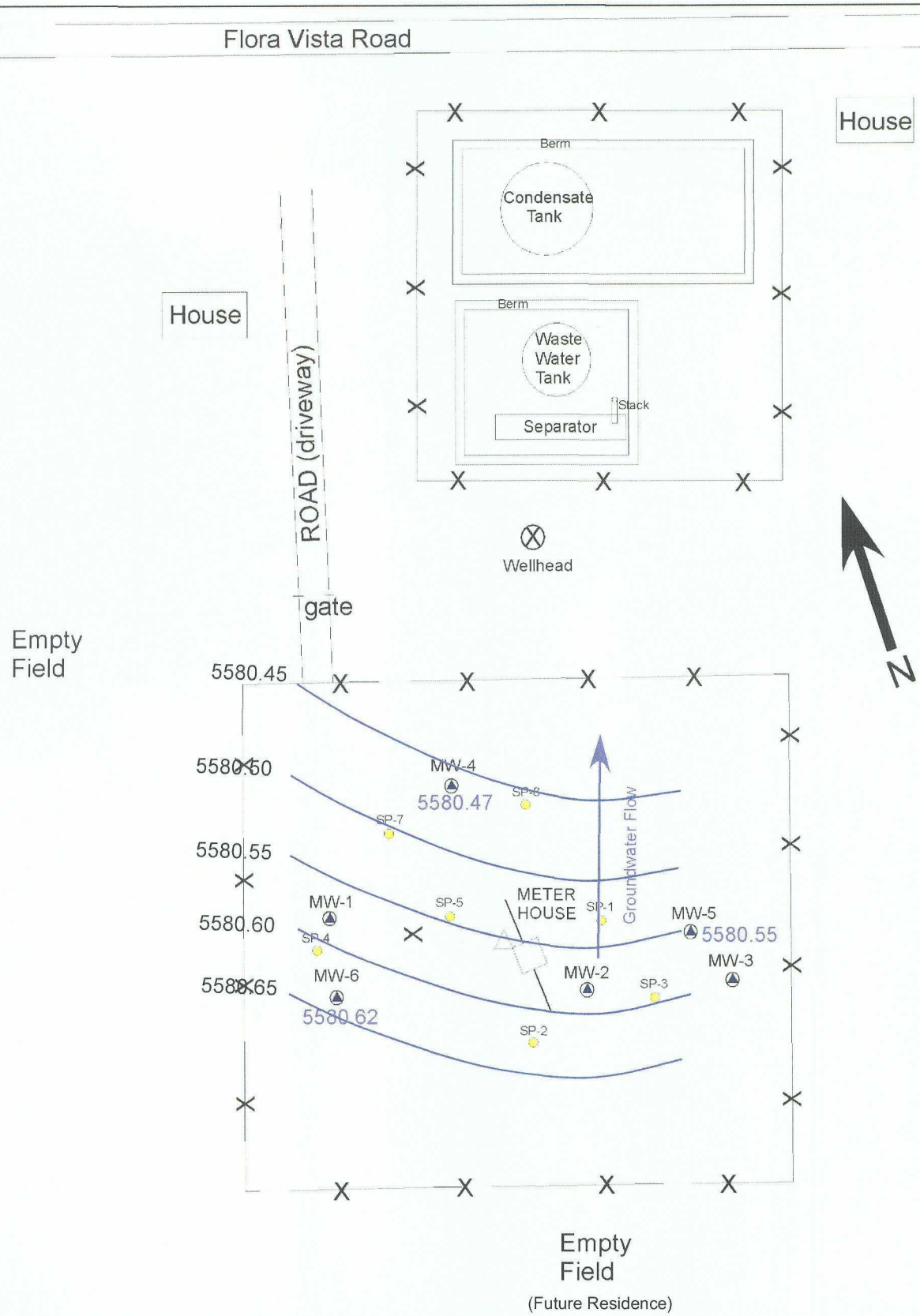
SP-3 - Sparge Point Locations

△ - Survey Control Point

X - Fence

NOTE: SP-1 Removed.

FIGURE 2.
CONOCOPHILLIPS
NELL HALL #1 SITE MAP



SCALE

0 20' 40' 80'

TETRA TECH, INC.

LEGEND

MW-2 - Monitoring Well Locations

SP-3 - Sparge Point Locations

- Survey Control Point

- Fence

- Groundwater Contour

NOTE: SP-1 Removed.

FIGURE 3.
CONOCOPHILLIPS
NELL HALL #1
GROUNDWATER ELEVATION
CONTOUR MAP (02/19/2007)

TABLES

Table 1. ConocoPhillps Nell Hall #1 Monitoring Well Specifications and Groundwater Elevation Table

Well ID	Date Installed	Total Depth (ft. bgs)	Screen Interval (ft)	Elevation (ft. msl) (TOC)	Date Measured	Groundwater Level (ft TOC)	Groundwater Elevation (ft msl)
MW-4	2/18/2004	35	5-35	5614.87	3/8/2004	36.04	5578.83
					7/19/2004	8.44	5606.43
					10/27/2004	19.69	5595.18
					12/27/2004	27.58	5587.29
					5/10/2005	dry	
					11/22/2005	23.93	5590.94
					11/15/2006	21.02	5593.85
					2/19/2007	34.40	5580.47
MW-5	2/17/2004	39	4-39	5615.86	3/8/2004	37.19	5578.67
					7/19/2004	9.38	5606.48
					10/27/2004	21.07	5594.79
					12/27/2004	28.99	5586.87
					5/10/2005	39.79	5576.07
					11/22/2005	25.23	5590.63
					11/15/2006	22.51	5593.35
					2/19/2007	35.31	5580.55
MW-6	2/18/2004	35	5-35	5615.44	3/8/2004	36.27	5579.17
					7/19/2004	9.43	5606.01
					10/27/2004	19.33	5596.11
					12/27/2004	28.62	5586.82
					5/10/2005	dry	
					11/22/2005	25.02	5590.42
					11/15/2006	21.12	5594.32
					2/19/2007	34.82	5580.62

msl = Mean sea level
TOC = Top of casing
bgs = below ground surface

Table 2. ConocoPhillips Nell Hall #1 Groundwater Analytical Results Summary

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Phosphate (mg/L)
MW-4	3/8/2004	**13**	12	64	**1,400**	NA	NA	NA	NA
	7/19/2004	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA
	10/27/2004	**11**	8	21	130	NA	NA	NA	NA
	12/27/2004	<2.5	<2.5	<2.5	<0.5	NA	NA	NA	NA
	5/11/2005	dry							
	11/22/2005	<0.5	<0.7	<0.8	<0.8	<0.40	105	**2.7**	<0.25
	11/15/2006	<0.5	<0.7	<0.8	<0.8	<0.25	110	0.083	<0.25
	2/21/2007	<0.5	<0.7	<0.8	<0.8	<0.25	59.6	**1.6**	0.28
MW-5	3/8/2004	1.1	<0.5	1	17	NA	NA	NA	NA
	7/19/2004	<0.5	0.55	<0.5	0.72	NA	NA	NA	NA
	10/27/2004	<0.5	<0.5	<0.5	<1.0	NA	NA	NA	NA
	12/27/2004	<0.5	<0.5	<0.5	<1.0	NA	NA	NA	NA
	5/11/2005	<0.5	<0.7	<0.8	<0.8	2.3	139	<0.0080	1.2
	11/22/2005	<0.5	<0.7	<0.8	<0.8	<0.40	38	<0.0080	0.43
	11/15/2006	<0.5	<0.7	<0.8	<0.8	2.3	77.9	<0.0080	<0.25
	2/21/2007	<0.5	<0.7	<0.8	<0.8	1.3	83.3	<0.0080	0.28
MW-6	3/8/2004	**2,500**	14	**1,600**	**21,031**	NA	NA	NA	NA
	7/19/2004	<0.5	<0.5	0.98	2.6	NA	NA	NA	NA
	10/27/2004	0.4	0.3	0.5	2.1	NA	NA	NA	NA
	12/27/2004	**45**	6.8	14	71.7	NA	NA	NA	NA
	5/11/2005	dry							
	11/22/2005	10	0.7	16	150	<0.40	3.4	**7.7**	2.8
	11/15/2006	<0.5	<0.7	<0.8	<0.8	<0.25	41.3	0.19	<0.25
	2/21/2007	**540**	<1	76	**810**	<0.25	1.8	**6.4**	9.0
NMWQCC Standards		**10 (µg/L)**	**750 (µg/L)**	**750 (µg/L)**	**620 (µg/L)**	**10 (mg/L)**	**600 (mg/L)**	**1 (mg/L)**	**NE**

NMWQCC = New Mexico Water Quality Control Commission
mg/L = milligrams per liter (parts per million)
µg/L = micrograms per liter (parts per billion)
NE=Not Extablished
NA = Not Analyzed

APPENDIX A

LABORATORY REPORT

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1026481. Samples arrived at the laboratory on Thursday, February 22, 2007. The PO# for this group is 4506560640 and the release number is TAYLOR.

Client Description	Lancaster Labs Number
MW-6 Grab Water Sample	4988016
MW-4 Grab Water Sample	4988017
MW-5 Grab Water Sample	4988018
Trip Blank Water Sample	4988019

ELECTRONIC COPY TO Tetra Tech, Inc Attn: Kelly Henderson

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Questions? Contact your Client Services Representative
Barbara A Weyandt at (717) 656-2300

Respectfully Submitted,

Erik J. Frederiksen
Manager

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 4988016

MW-6 Grab Water Sample
Site# 6084
Nell Hall #1, NM

Collected:02/21/2007 09:30 by AM

Account Number: 11288

Submitted: 02/22/2007 09:55
Reported: 02/28/2007 at 16:04
Discard: 03/31/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

NHMW6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00228	Sulfate	14808-79-8	1.8	1.5	5.0	mg/l	5
00345	Total Phosphorus as PO4 water	14265-44-2	9.0	0.50	0.62	mg/l	2
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	mg/l	5
08344	Ferrous Iron	n.a.	6.4	0.20	2.5	mg/l	25
02300	GC/MS Volatiles						
05401	Benzene	71-43-2	540.	1.	10.	ug/l	2
05407	Toluene	108-88-3	N.D.	1.	10.	ug/l	2
05415	Ethylbenzene	100-41-4	76.	2.	10.	ug/l	2
06310	Xylene (Total)	1330-20-7	810.	2.	10.	ug/l	2

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00228	Sulfate	EPA 300.0	1	02/22/2007 22:54	Ashley M Heckman	5
00345	Total Phosphorus as PO4 water	EPA 365.1	1	02/26/2007 21:26	Venia B McFadden	2
00368	Nitrate Nitrogen	EPA 300.0	1	02/22/2007 22:54	Ashley M Heckman	5
08344	Ferrous Iron	SM20 3500-Fe B modified	1	02/22/2007 22:30	Daniel S Smith	25
02300	GC/MS Volatiles	SW-846 8260B	1	02/27/2007 00:46	Ryan V Nolt	2
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/27/2007 00:46	Ryan V Nolt	2
08264	Total Phos as PO4 Prep (water)	EPA 365.1	1	02/26/2007 12:50	Nancy J Shoop	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax:717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 4988017

MW-4 Grab Water Sample
Site# 6084
Nell Hall #1, NM

Collected:02/21/2007 10:20 by AM

Account Number: 11288

Submitted: 02/22/2007 09:55
Reported: 02/28/2007 at 16:04
Discard: 03/31/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

NHMW4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00228	Sulfate	14808-79-8	59.6	1.5	5.0	mg/l	5
00345	Total Phosphorus as PO4 water	14265-44-2	0.28	0.25	0.31	mg/l	1
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	mg/l	5
08344	Ferrous Iron	n.a.	1.6	0.040	0.50	mg/l	5
02300	GC/MS Volatiles						
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00228	Sulfate	EPA 300.0	1	02/22/2007 23:25	Ashley M Heckman	5
00345	Total Phosphorus as PO4 water	EPA 365.1	1	02/26/2007 21:08	Venia B McFadden	1
00368	Nitrate Nitrogen	EPA 300.0	1	02/22/2007 23:25	Ashley M Heckman	5
08344	Ferrous Iron	SM20 3500-Fe B modified	1	02/22/2007 22:30	Daniel S Smith	5
02300	GC/MS Volatiles	SW-846 8260B	1	02/27/2007 01:34	Ryan V Nolt	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/27/2007 01:34	Ryan V Nolt	1
08264	Total Phos as PO4 Prep (water)	EPA 365.1	1	02/26/2007 12:50	Nancy J Shoop	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax:717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 4988018

MW-5 Grab Water Sample
Site# 6084
Nell Hall #1, NM

Collected:02/21/2007 10:30 by AM

Account Number: 11288

Submitted: 02/22/2007 09:55
Reported: 02/28/2007 at 16:04
Discard: 03/31/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

NHMW5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00228	Sulfate	14808-79-8	83.3	15.0	50.0	mg/l	50
00345	Total Phosphorus as PO4 water	14265-44-2	0.28	0.25	0.31	mg/l	1
00368	Nitrate Nitrogen	14797-55-8	1.3	0.25	0.50	mg/l	5
08344	Ferrous Iron	n.a.	N.D.	0.0080	0.10	mg/l	1
02300	GC/MS Volatiles						
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00228	Sulfate	EPA 300.0	1	02/23/2007 00:11	Ashley M Heckman	50
00345	Total Phosphorus as PO4 water	EPA 365.1	1	02/26/2007 21:12	Venia B McFadden	1
00368	Nitrate Nitrogen	EPA 300.0	1	02/22/2007 23:56	Ashley M Heckman	5
08344	Ferrous Iron	SM20 3500-Fe B modified	1	02/22/2007 22:30	Daniel S Smith	1
02300	GC/MS Volatiles	SW-846 8260B	1	02/27/2007 01:58	Ryan V Nolt	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/27/2007 01:58	Ryan V Nolt	1
08264	Total Phos as PO4 Prep (water)	EPA 365.1	1	02/26/2007 12:50	Nancy J Shoop	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 4988019

Trip Blank Water Sample
Site# 6084
Nell Hall #1, NM

Collected:02/21/2007 11:00

Account Number: 11288

Submitted: 02/22/2007 09:55
Reported: 02/28/2007 at 16:04
Discard: 03/31/2007

ConocoPhillips
PO Box 2200
Bartlesville OK 74005

NHMTB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02300	GC/MS Volatiles						
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	5.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02300	GC/MS Volatiles	SW-846 8260B	1	02/27/2007 02:21	Ryan V Nolt	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/27/2007 02:21	Ryan V Nolt	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike. PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1026481
Reported: 02/28/07 at 04:04 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 07053196602A	Sample number(s): 4988016-4988018								
Sulfate	N.D.	0.30	1.0	mg/l	106		89-110		
Nitrate Nitrogen	N.D.	0.050	0.10	mg/l	103		90-110		
Batch number: 07053834401A	Sample number(s): 4988016-4988018								
Ferrous Iron	N.D.	0.0080	0.10	mg/l	100		95-105		
Batch number: 07057110101A	Sample number(s): 4988016-4988018								
Total Phosphorus as PO4 water	N.D.	0.25	0.31	mg/l	93		90-110		
Batch number: T070572AA	Sample number(s): 4988016-4988019								
Benzene	N.D.	0.5	5.	ug/l	114		78-119		
Toluene	N.D.	0.7	5.	ug/l	98		85-115		
Ethylbenzene	N.D.	0.8	5.	ug/l	99		82-119		
Xylene (Total)	N.D.	0.8	5.	ug/l	99		83-113		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 07053196602A	Sample number(s): 4988016-4988018 UNSPK: P984621 BKG: P984621								
Sulfate	100		90-110			145.	151.	4*	3
Nitrate Nitrogen	99		90-110			0.74	0.72	4* (1)	2
Batch number: 07053834401A	Sample number(s): 4988016-4988018 UNSPK: 4988016 BKG: 4988016								
Ferrous Iron	95	96	86-110	1	4	6.4	6.4	0 (1)	8
Batch number: 07057110101A	Sample number(s): 4988016-4988018 UNSPK: P987881 BKG: P987881								
Total Phosphorus as PO4 water	107		90-110			0.43	0.30	35* (1)	3
Batch number: T070572AA	Sample number(s): 4988016-4988019 UNSPK: P988280								
Benzene	120	121	83-128	1	30				
Toluene	109	111	83-127	2	30				
Ethylbenzene	109	113	82-129	4	30				
Xylene (Total)	109	111	82-130	2	30				

Surrogate Quality Control

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1026481
Reported: 02/28/07 at 04:04 PM

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: UST-Unleaded Waters by 8260B
Batch number: T070572AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4988016	100	93	90	90
4988017	100	96	91	89
4988018	102	96	92	87
4988019	102	96	92	88
Blank	100	94	90	89
LCS	98	97	89	89
MS	98	98	93	90
MSD	96	92	93	90
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

ConocoPhillips Analysis Request/Chain of Custody

Lancaster Laboratories

For Lancaster Labs Use ONLY Acct. #: 11286 Group # 1026481 Rec'd 2/22/07 Sample#: 498016-19 SCR#: 39353

007629

Site #: Nell Hall #1 6084 AOC#:
Site City: Flora Vista, NM State: NM
Enfos PO# 4506540640 req# 0000190731 9-0001
ConocoPhillips PM: Paul Taylor
Samplers Name: Ana Moreno + Jenni Berlin

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water (Potable / NPDES)	Oil / Air	Phosphorus as PO4	Sulfate	Ferrous Iron	Nitrate Nitrogen	UST by 8260B
MW-6	2/21/07	9:30	X			X		X	X	X	X	X
MW-4	2/21/07	10:20	X			X		X	X	X	X	X
MW-5	2/21/07	10:30	X			X		X	X	X	X	X
Trip Blank	2/21/07	11:00	X			X		X	X	X	X	X

Analyses Requested — List total number of containers in the box under each analysis. Preservation Codes

Preservative Codes: H = HCl; T = Thiosulfate; N = HNO_3; B = NaOH; S = H_2SO_4; O = Other

Remarks:

Consultant Information:
Office City: Albuquerque State: New Mexico
Project Manager: Kelly Henderson
Phone Number: 505-975-2563 Fax: 505-237-2656
Email: kelly.henderson@tetratech.com

Electronic Data Deliverables (Circle One) (Yes) / No Format PDF

Reporting Requirements (Circle One)
(Standard Reports/QC Summary) Full Validation (LLI Type I)
NJ Regulatory NJ Reduced NY ASP-A NY ASP-B Other

Turnaround Time Requested in Business Days (TAT) (Circle One):
(STD.) 5 day 48 hour 24 hour Other

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	2/22/07	1250			
Ana Moreno	2/22/07	11:30			
			Kathy Binkley	2-23-07	0955

Relinquished by Commercial Carrier: UPS _____ FedEx ✓ Other _____

Temperature Upon Receipt 1.7° C°

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

4531.02

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

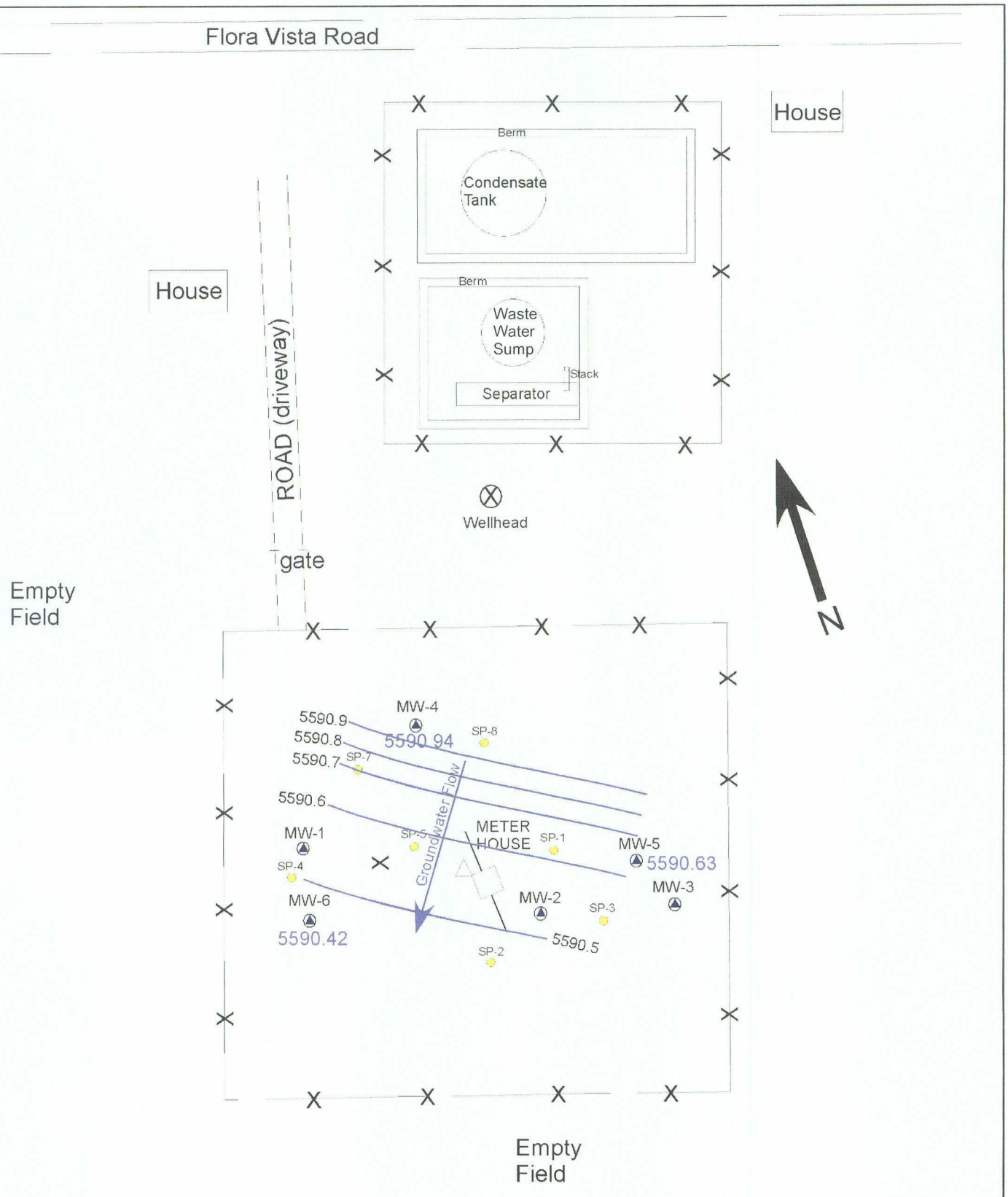
B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

APPENDIX B

HISTORICAL GROUNDWATER CONTOUR MAPS



SCALE

0 20' 40' 80'

MAXIM TECHNOLOGIES

A DIVISION OF TETRA TECH, INC.

LEGEND

MW-2 - Monitoring Well Locations

SP-3 - Sparge Point Locations

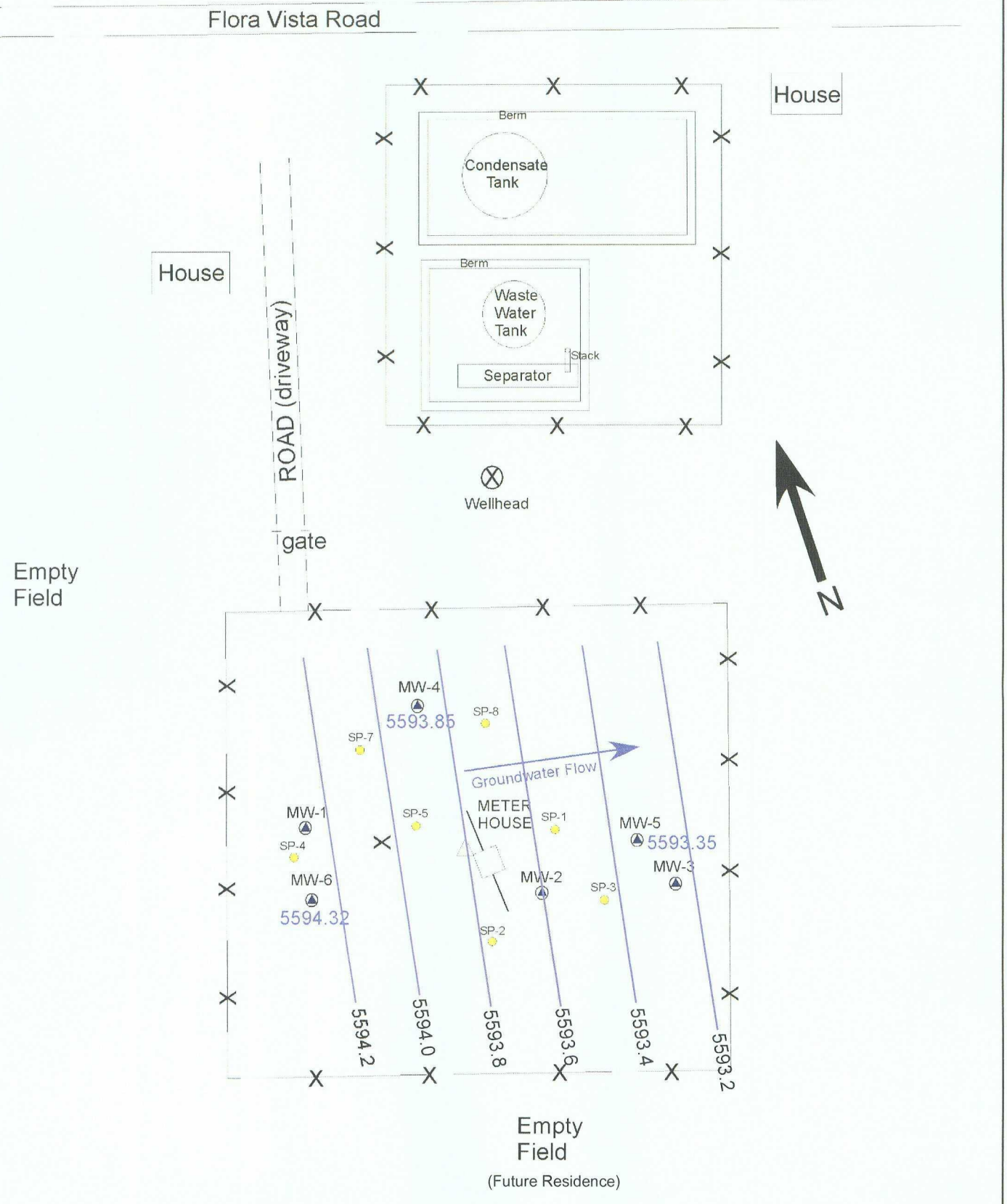
- Survey Control Point

- Fence

- Groundwater Contour

NOTE: SP-1 Removed.

FIGURE 3.
CONOCOPHILLIPS
NELL HALL #1
GROUNDWATER ELEVATION
CONTOUR MAP (11/22/05)



SCALE

0 20' 40' 80'

TETRA TECH, INC.

LEGEND

MW-2 - Monitoring Well Locations

SP-3 - Sparge Point Locations

- Survey Control Point

X - Fence

- Groundwater Contour

NOTE: SP-1 Removed.

FIGURE 3.
CONOCOPHILLIPS
NELL HALL #1
GROUNDWATER ELEVATION
CONTOUR MAP (11/27/06)