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**SOIL BORING INSTALLATION
AND SAMPLING REPORT**

CONOCOPHILLIPS COMPANY

**MARTIN 34 No. 2
NATURAL GAS PRODUCTION WELL SITE
SAN JUAN COUNTY, NEW MEXICO**

OCD Order #TBD

API # 30-045-08934

Prepared for:



Risk Management and Remediation
420 South Keeler Avenue
Bartlesville, OK 74004

Prepared by:



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April 2011

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3. Groundwater Analytical Results

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- Appendix B. Initial Release Report Form C-141
- Appendix C. Soil Boring Logs
- Appendix D. Soil Boring Laboratory Analytical Report
- Appendix E. Groundwater Laboratory Analytical Report
- Appendix F. EDR Radius Map™ Report with Geotcheck®
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SOIL BORING INSTALLATION AND SAMPLING REPORT MARTIN 34 NO. 2, SAN JUAN COUNTY, NEW MEXICO MARCH 2011

1.0 INTRODUCTION

This report discusses three soil boring completions and sampling conducted by Tetra Tech, Inc. (Tetra Tech) on March 1st and 2nd, 2011 at the ConocoPhillips Company (ConocoPhillips) Martin 34 No. 2 site (Site). The Site is located in Section 4, Township 31N, Range 12W, San Juan County, New Mexico, near the intersection of US Highway 550 and Utah Road (**Figure 1**). A Site detail map is included as **Figure 2**.

1.1 Site Background

The surface owner of the Site is a private land owner, who leases the land to ConocoPhillips. The historical summary for the Site is detailed below.

Hydrocarbon impacts were discovered during equipment upgrade and relocation activities at the Site during December 2010. Brandon Powell of the New Mexico Oil Conservation Division (NMOCD) requested that the excavation be extended from 25 feet below ground surface (bgs) to 30 feet bgs during excavation activities in January 2011. Final excavation dimensions measured approximately 30 feet by 75 feet by 30 feet deep. Confirmation sampling collected by Envirotech, Inc., (Envirotech) from the north wall and both the north and south bottoms of the excavation contained hydrocarbon impacts above NMOCD standards. The Envirotech soil sampling results are included as **Appendix A**. The Initial Release Report Form C-141 is included as **Appendix B**.

On March 1st and 2nd, 2011, Tetra Tech arrived onsite to supervise the completion of three soil borings and conduct soil sampling in and around the former excavation. The results are detailed in this report.

1.2 Soil Boring and Sampling

On March 1st and 2nd, 2011, JR Drilling of Edgewood, New Mexico completed three soil borings at the Site under the supervision of Tetra Tech. The borings were advanced using a truck mounted, direct push, Geoprobe drill rig and acetate-lined, split-spoon sampling techniques. Boring B-1 was drilled in the backfilled area of the former excavation. Boring B-2 was drilled north of B-1, approximately 10 feet from the edge of the excavation. Boring B-3 was drilled about halfway up the sloped ramp/bench on the south side of the former excavation, southwest of B-1 (**Figure 2**). Soil boring logs are included as **Appendix C**. Photo-ionization detector (PID) readings were recorded from each continuous split spoon sample in B-2 and B-3, and from each interval below 30 feet bgs in B-1 since all overlying material was clean fill brought in after excavation work was completed. **Table 1** summarizes the PID data.

Soil samples were collected for the laboratory from each boring at intervals with the highest photoionization detector (PID) reading and from intervals directly above water or where the Geoprobe met refusal. Soil samples were packed into laboratory prepared jars, stored in a cooler with ice, and sent to Southern Petroleum Laboratories (SPL) in Houston, Texas for analysis of benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B; TPH diesel range organics (DRO) and TPH gasoline range organics (GRO) by EPA Method 8015B; and for chloride by EPA Method E300.0. Soil laboratory analytical results are presented in **Table 3**. The soil laboratory analytical report is included as **Appendix D**.

1.3 Groundwater sampling

Groundwater was encountered in borings B-2 and B-3 at approximately 40 feet bgs as measured in a temporary one inch well installed in B-2 and allowed to sit overnight. Groundwater samples were collected from B-2 and B-3 using a 1/2 inch, polyethylene disposable bailer. Samples were placed in laboratory prepared containers and shipped under chain of custody documentation to SPL for analysis of BTEX by EPA Method 8260B, TPH DRO and TPH GRO by EPA Method SW8015B, and for chloride by EPA Method E300.0. Groundwater laboratory analytical results are presented as **Table 3**; the corresponding groundwater laboratory analytical report is included as **Appendix E**.

2.0 RESULTS

2.1 Lithology

Soil boring B-1 lithology consisted of excavation fill from ground surface to approximately 30 feet bgs and then sand, silts and clays. PID readings were elevated in boring B-1 from excavation bottom to Geoprobe refusal where impacts appeared to cease. At the bottom of B-1, dry clay was encountered with damp sand just above. Soil boring B-2 and B-3 lithology consisted of sand, silts and clays. The sand layer noted as damp in boring B-1 was also encountered in B-2 and B-3, but was wet in these borings rather than damp. The PID reading on the dry clay was 19.1 parts per million (ppm) in B-1. PID readings above the water in B-2 and B-3 were all low (~2-10 ppmv). In each boring, the soils were stained gray to black above the wet zone. According to records for a cathodic protection well installed at the ConocoPhillips Martin 100 Production Well located approximately 1/4 mile from the Site, groundwater is approximately 70 feet bgs. The location of the ConocoPhillips Martin 100 Production Well in relation to the Martin 34 No. 2 Site is included as **Figure 3**. A generalized geologic cross section is included as **Figure 4**.

2.2 Soil Sampling Analytical Results

Based on depth to groundwater, the NMOCD recommended remediation action levels for the Martin 34 No. 2 site are 10 mg/kg for benzene, 50 mg/kg for total BTEX and 100 mg/kg for TPH. With the exception of the sample collected from B-1 at 38-40 feet bgs, all soil samples collected from all borings were either below laboratory detection limits or below recommended action levels. The laboratory sample from the 38 to 40 foot interval in B-1 contained total BTEX at 428.7 mg/kg. The sample also contained TPH GRO at 4,800 mg/kg, and TPH DRO at 200 mg/kg. Laboratory analytical results are summarized in **Table 2**.

2.3 Groundwater Sampling Analytical Results

Groundwater collected from borings B-2 and B-3 exceeded the New Mexico Water Quality Control Commission (NMWQCC) standard for BTEX and chloride. The NMWQCC standard for benzene is 10 µg/L; groundwater collected from B-2 contained benzene at 920 µg/L, while groundwater collected from B-3 contained 10 µg/L. The NMWQCC standard for chloride is 30 µg/L; groundwater collected from B-2 contained chloride at a concentration of 352 µg/L, while groundwater collected from B-3 contained a concentration of 316 µg/L. Laboratory analytical results are summarized in **Table 3**.

3.0 AREA WATER RESOURCE INFORMATION

The Site is located in a rural town setting with two domestic water wells within a one mile radius of the area according to the Environmental Data Resources (EDR) Report obtained for the Site. These wells correspond to wells listed on the New Mexico Office of the State Engineer's (NMOSE) New Mexico Water Rights Reporting System (NMWRRS) database. Domestic well applications were received by the NMOSE for both wells during the mid 1980's, but it is unknown if they were installed due to the lack of well log data available on the NMWRRS database. If these domestic wells are operating, they are presumed to be located down-gradient of the Site based on topographic data provided by EDR. In a telephone discussion, Ms. Glenda Dugger of the City of Bloomfield, stated that the area is supplied with water by the City of Bloomfield. The collection point for this water is northeast of the Site on the San Juan River approximately six miles downstream of Navajo Dam, NM. The water is then diverted from the San Juan River via Citizens Ditch to Aragon Reservoir, which is located just east of Bloomfield, NM. The EDR Physical Setting Source Map showing the well search results is included both as **Figure 5** and is included in the EDR Radius Map™ Report with Geotrack® (**Appendix F**). The NMOSE NMWRRS database search result page is presented as **Appendix G**.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Groundwater impacts at the site extend to a potentially perched water zone encountered in borings B-2 and B-3. The saturated zone did not seem to be evident in the same interval in B-1, the first boring advanced in the center of the excavated area. Further subsurface investigation will be needed in order to more fully understand the extent of the perched water bearing zone located below the Martin 34 No. 2 site.

On behalf of ConocoPhillips, Tetra Tech recommends the installation of at least four monitoring wells at the Site in order to determine the thickness of the water bearing zone, areal extent of impacted groundwater, presence of a potential aquitard, and groundwater flow direction and gradient. Due to time constraints associated with the Site landowner's plans to utilize the property for livestock purposes, monitoring well installation is planned to be completed by April 30, 2011. Tetra Tech will submit a groundwater monitoring well installation work plan. The work plan will also describe proposed remedial activities that could potentially occur simultaneously with monitoring efforts at the Site.

Please contact Kelly Blanchard at 505-237-8440 or kelly.blanchard@tetrattech.com if you have any questions or require additional information.

5.0 REFERENCES

Envirotech Incorporated (January 2011). *Analytical Report and Sampling Location Figure ConocoPhillips Martin 34 #2*. Prepared for ConocoPhillips Company. Figure Dated January 28, 2011. 2 pp.

Environmental Data Resources, Inc. *Martin 34 No.2 - The EDR Radius Map™ Report with Geocheck®*. Prepared for Tetra Tech on March 25, 2011 for a two mile radius of 36.763900 N, 107.975600 W.

Glenda Dugger via Personal Communication; Lead Customer Service Representative for the City of Bloomfield Utility Department, Telephone Conversation March 29, 2011.

New Mexico Office of the State Engineer; New Mexico Water Rights Reporting System Database: <http://nmwrrs.ose.state.nm.us/nmwrrs/index.html>. Search for wells located within a one mile radius of latitude 36.7639439534N longitude -107.975625566W.

FIGURES

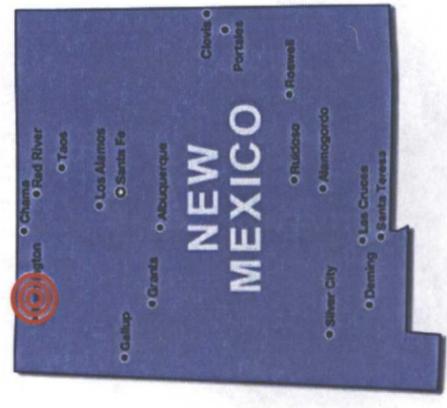
1. Site Location Map
2. Site Detail and Boring Location Map
3. ConocoPhillips Martin 34 No. 2 in Relation to ConocoPhillips Martin No. 100 Gas Production Well Site and Domestic Water Wells
4. Generalized Geologic Cross Section
5. EDR Well Location Map



ConocoPhillips High Resolution Aerial Imagery - 2008

FIGURE 1.

Site Location Map
ConocoPhillips Company
Martin 34 No. 2
San Juan County, NM



ConocoPhillips Company
Martin 34 No. 2 Site
Location



Latitude: 36.76394 N
Longitude: -107.97562 W



TETRA TECH, INC.



FIGURE 2:
 SOIL BORING LOCATION MAP
 CONOCOPHILLIPS COMPANY
 MARTIN 34 No. 2
 GAS PRODUCTION WELL SITE
 Unit Letter O, Sec 34, T30N, R11W
 San Juan County, New Mexico

LEGEND

-  ConocoPhillips Martin 34 No. 2 Wellhead
-  Boring Location
-  Approximate 2011 Excavation Location
-  Approximate Location of New Private Water Line
-  Approximate Location of Current Martin 34 No. 2 Tank Placement
(aerial image shows prior historic tank placement)

ConocoPhillips



TETRA TECH, INC.

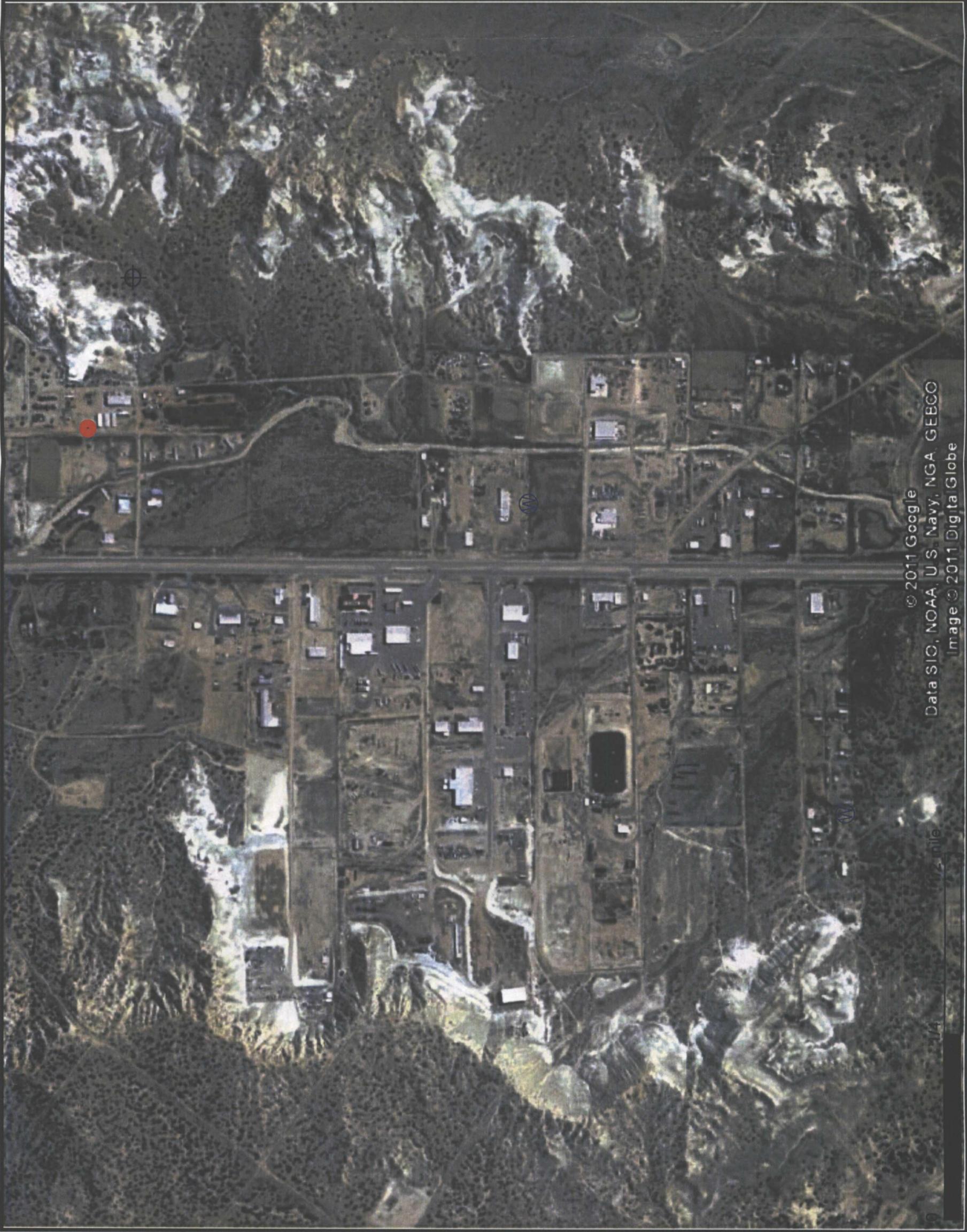
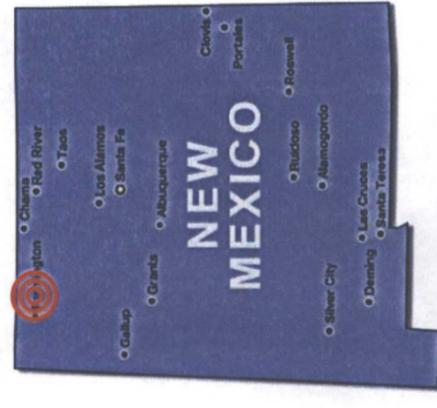


FIGURE 3.

ConocoPhillips Company
 Martin 34 No. 2 Site
 in relation to
 ConocoPhillips Company
 Martin 100 Site and
 Domestic Water Wells
 San Juan County, NM



- ConocoPhillips Company
 Martin 34 No. 2 Site
 Location
- ⊕ ConocoPhillips Company
 Martin 100 Site Location
- Ⓜ Water well

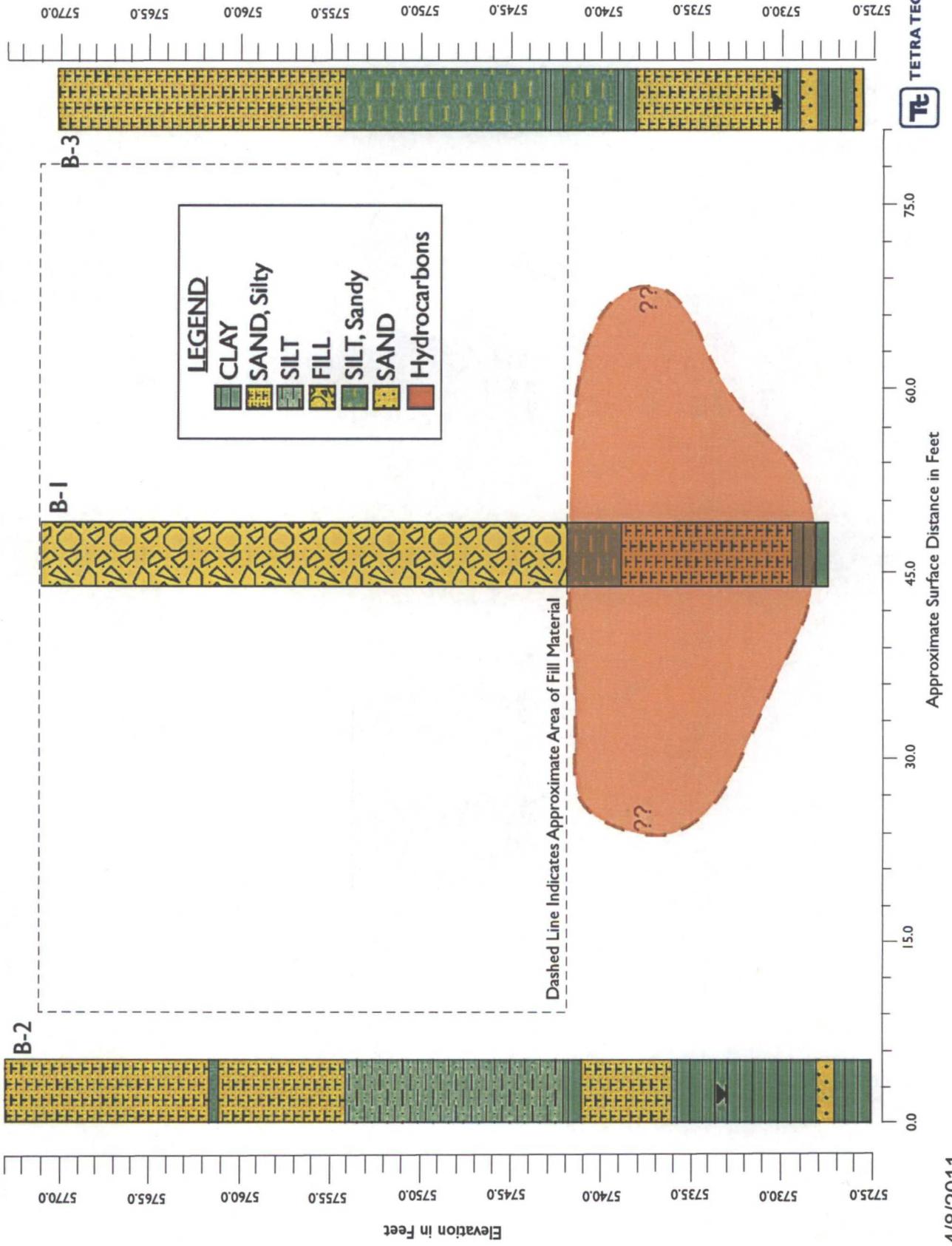


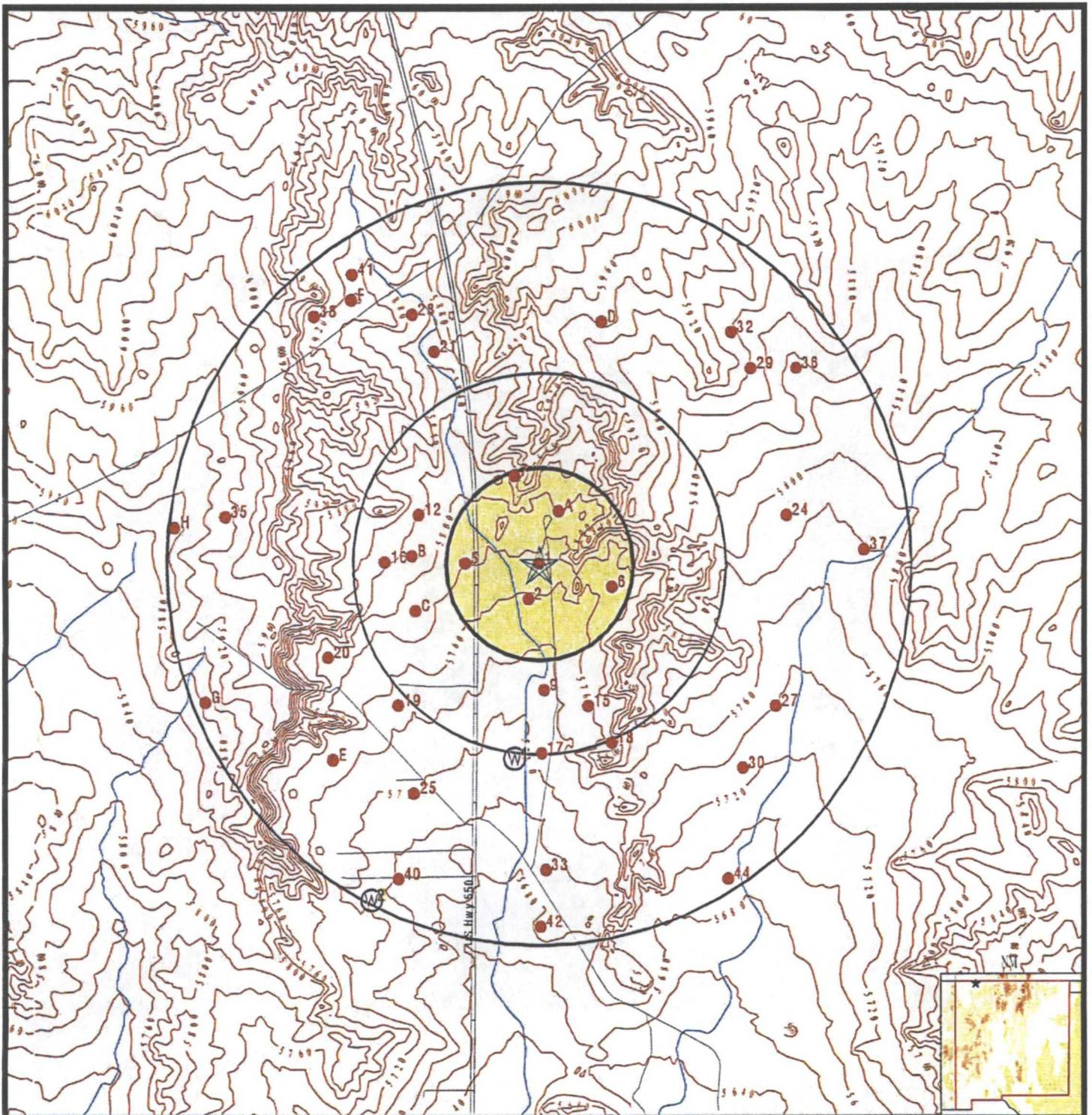
TETRA TECH, INC.

FIGURE 4.
Martin 34 No. 2

Generalized Geologic Cross-Section

A'





● Oil, gas or related wells

⊙ Water well

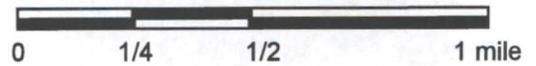


Image provide by Environmental Data Resources Inc.

ConocoPhillips



TETRA TECH, INC.

**Figure 5. Well Location Map
ConocoPhillips Martin 34 No. 2 Site
San Juan County, New Mexico**

TABLES

1. Soil Boring Organic Vapor Field Screening Results
2. Soil Boring Laboratory Analytical Results
3. Groundwater Analytical Results

Table 1. Soil Boring PID Results - ConocoPhillips Company Martin 34 No. 2

Soil Boring ID	Date	Sample Depth (ft bgs)	PID Reading (ppm)
B-1	3/1/2011	32-34	1,465
	3/1/2011	34-36	1,678
	3/1/2011	36-38	1,200
	3/1/2011	38-40	1,425
	3/1/2011	40-41.5	586
	3/1/2011	41.5 - 43	1,315
	3/1/2011	43 - 43.5	20
B-2	3/1/2011	4-5	5.2
	3/1/2011	8-12	6.2
	3/1/2011	12-16	14.5
	3/1/2011	16 - 18	5.3
	3/1/2011	18 - 20	5.5
	3/1/2011	20 - 22	9.7
	3/1/2011	22 - 24	7.3
	3/1/2011	24 - 26	8.1
	3/1/2011	26 - 28	6.5
	3/1/2011	28 - 30	3.5
	3/1/2011	30 - 32	9.8
	3/1/2011	32 - 34	6.2
	3/1/2011	34 - 36	9.7
	3/1/2011	36 - 38	3.3
	3/1/2011	38 - 40	4.1
	3/1/2011	40 - 42	6.6
3/1/2011	42 - 44	2.1	
3/1/2011	44 - 46	6.2	
3/1/2011	46 - 48	9.3	
B-3	3/2/2011	5 - 6.5	1.7
	3/2/2011	6.5 - 8	6.5
	3/2/2011	8 - 10	10.2
	3/2/2011	10 - 12	16.4
	3/2/2011	12 - 14	12.8
	3/2/2011	14 - 16	19.4
	3/2/2011	16 - 18	8.5
	3/2/2011	18 - 20	8.1
	3/2/2011	20 - 22	9
	3/2/2011	22 - 24	10.9
	3/2/2011	24 - 26	2.2
	3/2/2011	26 - 28	14.6
	3/2/2011	28 - 30	6.9
	3/2/2011	30 - 32	3.4
	3/2/2011	32 - 34	4.4
	3/2/2011	34 - 36	5.4
3/2/2011	36 - 38	5.7	
3/2/2011	38 - 40	8.7	
3/2/2011	40 - 42	5.1	
3/2/2011	42 - 44	28	
3/2/2011	44 - 44.5	10.6	

Notes:

B = Soil Boring

ppm = parts per million

ft bgs = feet below ground surface

Bold = ppm above New Mexico Oil Conservation Division (NMOCD) action level

Table 2. Martin 34 No. 2 Site Soil Boring Laboratory Analytical Results

Constituent	Sample ID (soil samples collected March 1st-2nd, 2011)									
	Method	Units	B-1 (38-40 feet)	B-1 (41.5-43 feet)	B-1 (43-43.5 feet)	B-2 (30-32 feet)	B-2 (36-38 feet)	B-3 (26-28 feet)	B-3 (38-40 feet)	NMOCD
VOCs (BTEX only)										
Benzene	8260B	mg/kg - dry	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	10
Toluene	8260B	mg/kg - dry	110	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NE
Ethylbenzene	8260B	mg/kg - dry	23	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NE
Total Xylenes	8260B	mg/kg - dry	293	0.0061	<0.005	0.009	<0.005	0.0074	<0.005	NE
Total BTEX	8260B	mg/kg - dry	428.7	0.0061	<0.005	0.009	<0.005	0.0074	<0.005	50
Petroleum Hydrocarbons										
TPH Gasoline Range	8015B	mg/kg - dry	4800	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	100
TPH Diesel Range	8015B	mg/kg - dry	200	6	<5	<5	<5	10	<5	100
Chloride										
Chloride	300	mg/kg - dry	92.9	114	111	16.4	24	97.4	16.7	NE

Table 3. Martin 34 No. 2 Site Groundwater Laboratory Analytical Results

Constituent	Sample ID (collected March 2nd, 2011)		
	Method	Units	NMWQCC Standard
VOCs (BTEX only)			
Benzene	8260B	µg/L	10
Toluene	8260B	µg/L	750
Ethylbenzene	8260B	µg/L	750
Total Xylenes	8260B	µg/L	620
Chloride			
Chloride	300	µg/L	30
Petroleum Hydrocarbons			
TPH Gasoline Range	8015B	mg/L	NE
TPH Diesel Range	8015B	mg/L	NE

Notes:

- B = soil boring
- NMOCD = New Mexico Oil Conservation Division recommended action level
- NMWQCC = New Mexico Water Quality Control Commission Standard
- VOCs = Volatile organic compounds
- SVOCs = Semi-volatile organic compounds
- mg/kg - dry = Milligrams per kilogram (parts per million), analyzed after residual water removed from the soil
- mg/L = Milligrams per liter (parts per million)
- µg/L = Micrograms per liter (parts per billion)
- NE = Not established

APPENDIX A

January 2010 Envirotech Soil Sampling Analytical Results Summary Table and Analytical Report

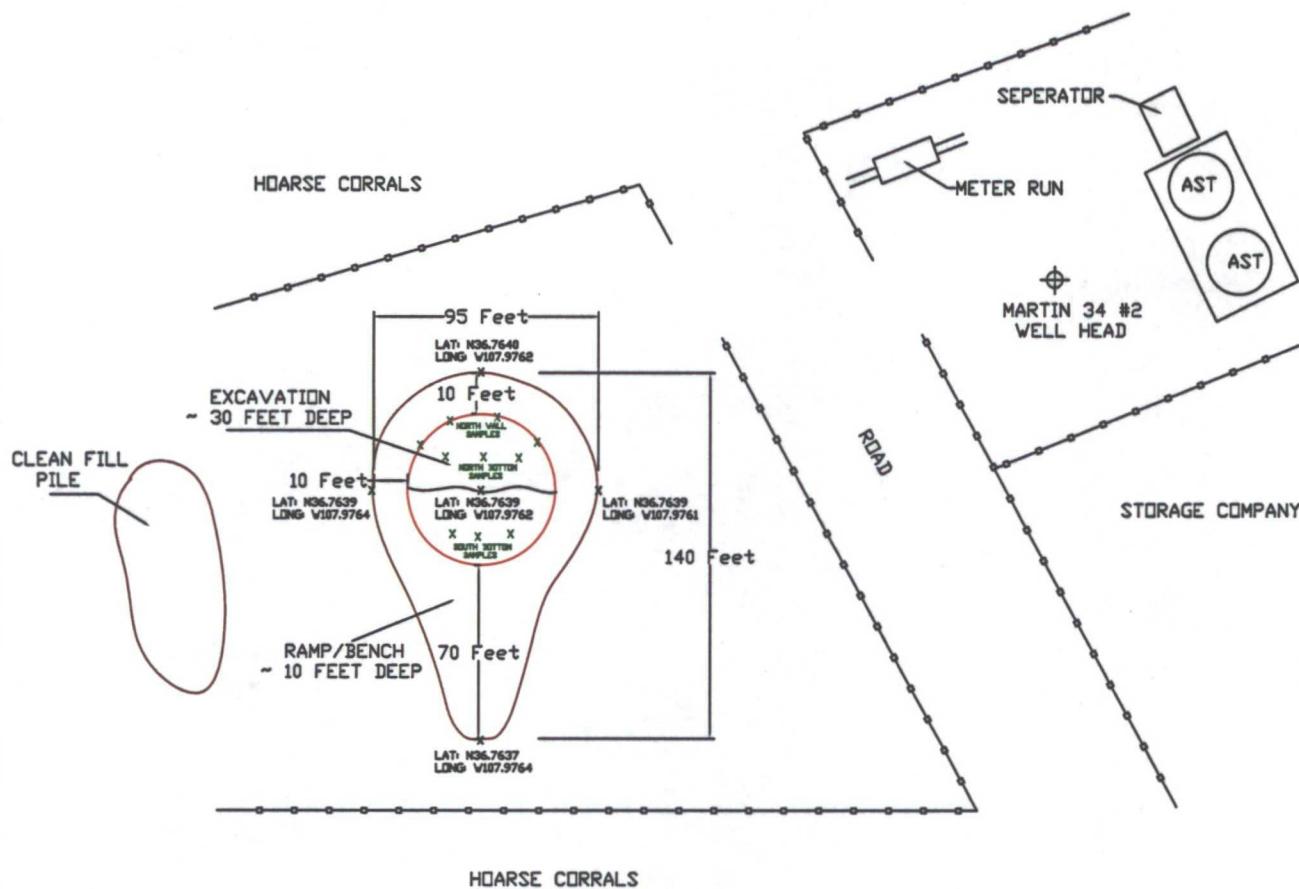
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Table - ConocoPhillips Company, Martin 34 No. 2 - Excavation Analytical Results Summary

Sample Name	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/L)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	Total TPH (mg/kg)
North Bottom	0.672	31.200	7.070	91.800	131.000	5,820	160	5,980
South Bottom	0.263	10.100	3.210	45.270	58.900	1,900	63.0	1,960
North Wall	0.0015	0.119	0.110	1.827	2.060	814	89.4	900
NMOCD Soil Remediation Action Levels for Priority Ranking of >19	10	-	-	-	50	-	-	100

Notes:

NMOCD = New Mexico Oil Conservation Division
 Constituents in **BOLD** are in excess of NMOCD Soil Remediation Action Levels for Ranking of >19
 mg/kg = milligrams per kilogram (parts per million)



LEGEND



FENCE

SITE MAP
CONOCOPHILLIPS
 MARTIN 34 #2 (HBR) WELL SITE
 SECTION 34, TOWNSHIP 30 N, RANGE 11 W
 SAN JUAN COUNTY, NEW MEXICO

SCALE: NTS		FIGURE NO. 2		REV
PROJECT NO.96052-1873				
REVISIONS				
NO.	DATE	BY	DESCRIPTION	
MAP DRWN	TLM	1/28/11	BASE DRWN	TLM
				1/28/11



envirotech

5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615



**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

Client:	ConocoPhillips	Project #:	96052-1873
Sample ID:	North Bottom	Date Reported:	01-26-11
Laboratory Number:	57079	Date Sampled:	01-24-11
Chain of Custody No:	11045	Date Received:	01-24-11
Sample Matrix:	Soil	Date Extracted:	01-24-11
Preservative:	Cool	Date Analyzed:	01-25-11
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	5,820	0.2
Diesel Range (C10 - C28)	160	0.1
Total Petroleum Hydrocarbons	5,980	

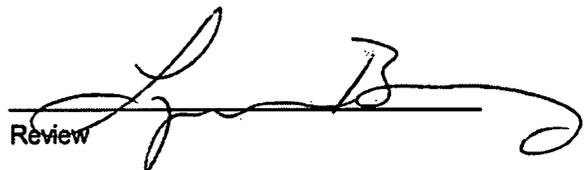
ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Martin 34 #2**



Analyst



Review



**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

Client:	ConocoPhillips	Project #:	96052-1873
Sample ID:	South Bottom	Date Reported:	01-26-11
Laboratory Number:	57080	Date Sampled:	01-24-11
Chain of Custody No:	11045	Date Received:	01-24-11
Sample Matrix:	Soil	Date Extracted:	01-24-11
Preservative:	Cool	Date Analyzed:	01-25-11
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,900	0.2
Diesel Range (C10 - C28)	63.0	0.1
Total Petroleum Hydrocarbons	1,960	

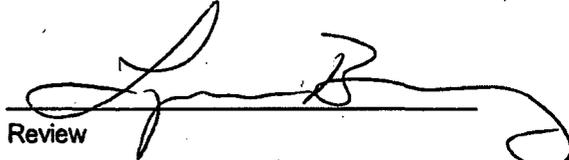
ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Martin 34 #2**



Analyst



Review



**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

Client:	ConocoPhillips	Project #:	96052-1873
Sample ID:	North Wall	Date Reported:	01-26-11
Laboratory Number:	57081	Date Sampled:	01-24-11
Chain of Custody No:	11045	Date Received:	01-24-11
Sample Matrix:	Soil	Date Extracted:	01-24-11
Preservative:	Cool	Date Analyzed:	01-25-11
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	814	0.2
Diesel Range (C10 - C28)	89.4	0.1
Total Petroleum Hydrocarbons	900	

ND - Parameter not detected at the stated detection limit.

References: Method.8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Martin 34 #2**



Analyst



Review



envirotech
Analytical Laboratory

**EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	01-25-11 QA/QC	Date Reported:	01-25-11
Laboratory Number:	57078	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-25-11
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	01-25-11	2.4540E+000	2.4550E+000	0.04%	0 - 15%
Diesel Range C10 - C28	01-25-11	4.9460E+000	4.9480E+000	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	1,280	1,390	8.7%	0 - 30%
Diesel Range C10 - C28	1,020	1,290	26.4%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	1,280	250	1,530	100%	75 - 125%
Diesel Range C10 - C28	1,020	250	1,280	101%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 57078-57082



Analyst



Review



Client:	ConocoPhillips	Project #:	96052-1873
Sample ID:	North Bottom	Date Reported:	01-26-11
Laboratory Number:	57079	Date Sampled:	01-24-11
Chain of Custody:	11045	Date Received:	01-24-11
Sample Matrix:	Soil	Date Analyzed:	01-25-11
Preservative:	Cool	Date Extracted:	01-24-11
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	672	0.9
Toluene	31,200	1.0
Ethylbenzene	7,070	1.0
p,m-Xylene	74,700	1.2
o-Xylene	17,100	0.9
Total BTEX	131,000	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	105 %
	1,4-difluorobenzene	93.3 %
	Bromochlorobenzene	111 %

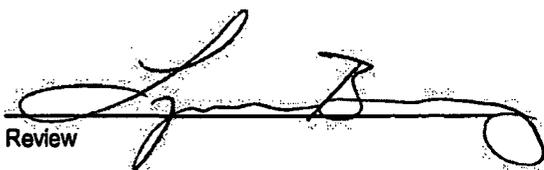
References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Martin 34 #2



Analyst



Review



Client:	ConocoPhillips	Project #:	96052-1873
Sample ID:	South Bottom	Date Reported:	01-26-11
Laboratory Number:	57080	Date Sampled:	01-24-11
Chain of Custody:	11045	Date Received:	01-24-11
Sample Matrix:	Soil	Date Analyzed:	01-25-11
Preservative:	Cool	Date Extracted:	01-24-11
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	263	0.9
Toluene	10,100	1.0
Ethylbenzene	3,210	1.0
p,m-Xylene	37,800	1.2
o-Xylene	7,470	0.9
Total BTEX	58,900	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	105 %
	1,4-difluorobenzene	99.7 %
	Bromochlorobenzene	111 %

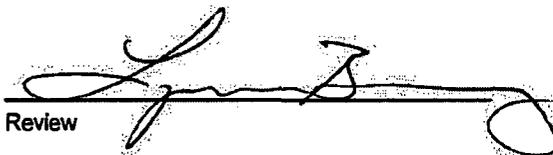
References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Martin 34 #2



Analyst



Review



Client:	ConocoPhillips	Project #:	96052-1873
Sample ID:	North Wall	Date Reported:	01-26-11
Laboratory Number:	57081	Date Sampled:	01-24-11
Chain of Custody:	11045	Date Received:	01-24-11
Sample Matrix:	Soil	Date Analyzed:	01-25-11
Preservative:	Cool	Date Extracted:	01-24-11
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.5	0.9
Toluene	119	1.0
Ethylbenzene	110	1.0
p,m-Xylene	1,490	1.2
o-Xylene	337	0.9
Total BTEX	2,060	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	105 %
	1,4-difluorobenzene	110 %
	Bromochlorobenzene	111 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Martin 34 #2



Analyst



Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	0125BBLK QA/QC	Date Reported:	01-26-11
Laboratory Number:	57078	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-25-11
Condition:	N/A	Analysis:	BTEX
		Dilution:	10

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect Limit
		Accept. Range 0 -15%			
Benzene	3.6028E+003	3.6100E+003	0.2%	ND	0.1
Toluene	1.5178E+005	1.5208E+005	0.2%	ND	0.1
Ethylbenzene	1.7002E+005	1.7036E+005	0.2%	ND	0.1
p,m-Xylene	1.5005E+005	1.5035E+005	0.2%	ND	0.1
o-Xylene	3.3654E+005	3.3721E+005	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	4.6	4.5	2.2%	0 - 30%	0.9
Toluene	175	189	8.2%	0 - 30%	1.0
Ethylbenzene	295	271	8.2%	0 - 30%	1.0
p,m-Xylene	1,440	1,560	8.3%	0 - 30%	1.2
o-Xylene	612	698	14.0%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	4.6	500	534	106%	39 - 150
Toluene	175	500	696	103%	46 - 148
Ethylbenzene	295	500	812	102%	32 - 160
p,m-Xylene	1,440	1000	2,440	100%	46 - 148
o-Xylene	612	500	1,080	97.1%	46 - 148

ND - Parameter not detected at the stated detection limit.

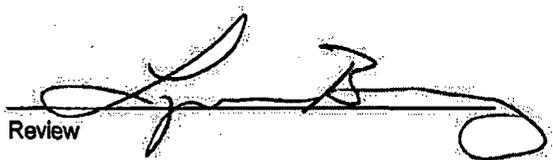
Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photolionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 57078-57082



Analyst



Review



Client:	ConocoPhillips	Project #:	96052-1873
Sample ID:	North Bottom	Date Reported:	01-26-11
Laboratory Number:	57081	Date Sampled:	01-24-11
Chain of Custody No:	11045	Date Received:	01-24-11
Sample Matrix:	Soil	Date Extracted:	01-25-11
Preservative:	Cool	Date Analyzed:	01-25-11
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	571	6.6

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Martin 34 #2**



Analyst



Review



envirotech
Analytical Laboratory

**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS
QUALITY ASSURANCE REPORT**

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	01-26-11
Laboratory Number:	01-25-TPH.QA/QC 57081	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	01-25-11
Preservative:	N/A	Date Extracted:	01-25-11
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	12-27-10	01-25-11	1,660	1,720	3.6%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	6.6

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	571	558	2.3%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	571	2,000	2,390	93.0%	80 - 120%

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: QA/QC for Samples 57081, 57084



Analyst



Review

APPENDIX B

Initial Release Report Form C-141

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

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR Initial Report Final Report

Name of Company	ConocoPhillips Company	Contact	Kelsi Harrington
Address	3401 E. 30th St., Farmington, NM 87402	Telephone No.	505-599-3403
Facility Name	Martin 34 No. 002	Facility Type	Gas Well API# 30-045-08934
Surface Owner	Private	Mineral Owner	Private
		Lease No.	Fee

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	34	30N	11W	990'	South	1850'	East	San Juan

Latitude 36.76394° N Longitude -107.97562° W

NATURE OF RELEASE

Type of Release - Produced Water	Volume of Release - unknown	Volume Recovered - 0 BBL
Source of Release: Production Tank	Date and Hour of Occurrence unknown	Date and Hour of Discovery 12/3/2010
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour -	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		

Describe Cause of Problem and Remedial Action Taken.* **On December 3, 2010, following removal of an above ground production tank, stained soil was discovered. Soil samples were collected from the area.**

Describe Area Affected and Cleanup Action Taken.* **Excavation of soil and confirmatory sampling was conducted in the area of the former production tank. Final excavation dimensions were approximately 60 feet long by 75 feet wide by 30 feet deep. Brandon Powell of the New Mexico Oil Conservation Division (NMOCD) requested on January 20th that the excavation be continued to a depth of 30 feet below ground surface (bgs) from a depth of 25 feet bgs. Analytical results from the final round of confirmation sampling of the excavated area indicated that the north wall and both north and south bottom areas of the excavation still contained hydrocarbons in excess of regulatory standards. The lateral extent of the excavation to the north was reached due to the proximity to a roadway. Continued lateral and vertical delineation was completed on March 1st and 2nd using a direct push, truck-mounted, Geoprobe rig. Soil borings were advanced in the center of the excavation and on the north and south sides approximately 10 feet from the formerly excavated area where it had reached 30 feet bgs deep. Impacts were encountered in the center of the former excavation to approximately 43 feet bgs, Impacts were delineated laterally in soil using a PID to obtain field readings, but perched groundwater was encountered at approximately 40 feet bgs on the north and south side of the excavated area. Soil and groundwater samples were collected and sent to a laboratory for BTEX, TPH, and chloride analyses. Results will be presented to the NMOCD in a report once available. Notification that groundwater had been encountered was given to Brandon Powell over the phone on March 2, 2011 and to Glenn von Gonten of the NMOCD through email on March 3, 2011.**

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

Signature: <i>Kelsi Harrington</i>	OIL CONSERVATION DIVISION		
Printed Name: Kelsi Harrington	Approved by District Supervisor:		
Title: Environmental Consultant	Approval Date:	Expiration Date:	
E-mail Address: kelsi.g.harrington@conocophillips.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 3/3/11	Phone: 505-599-3403		

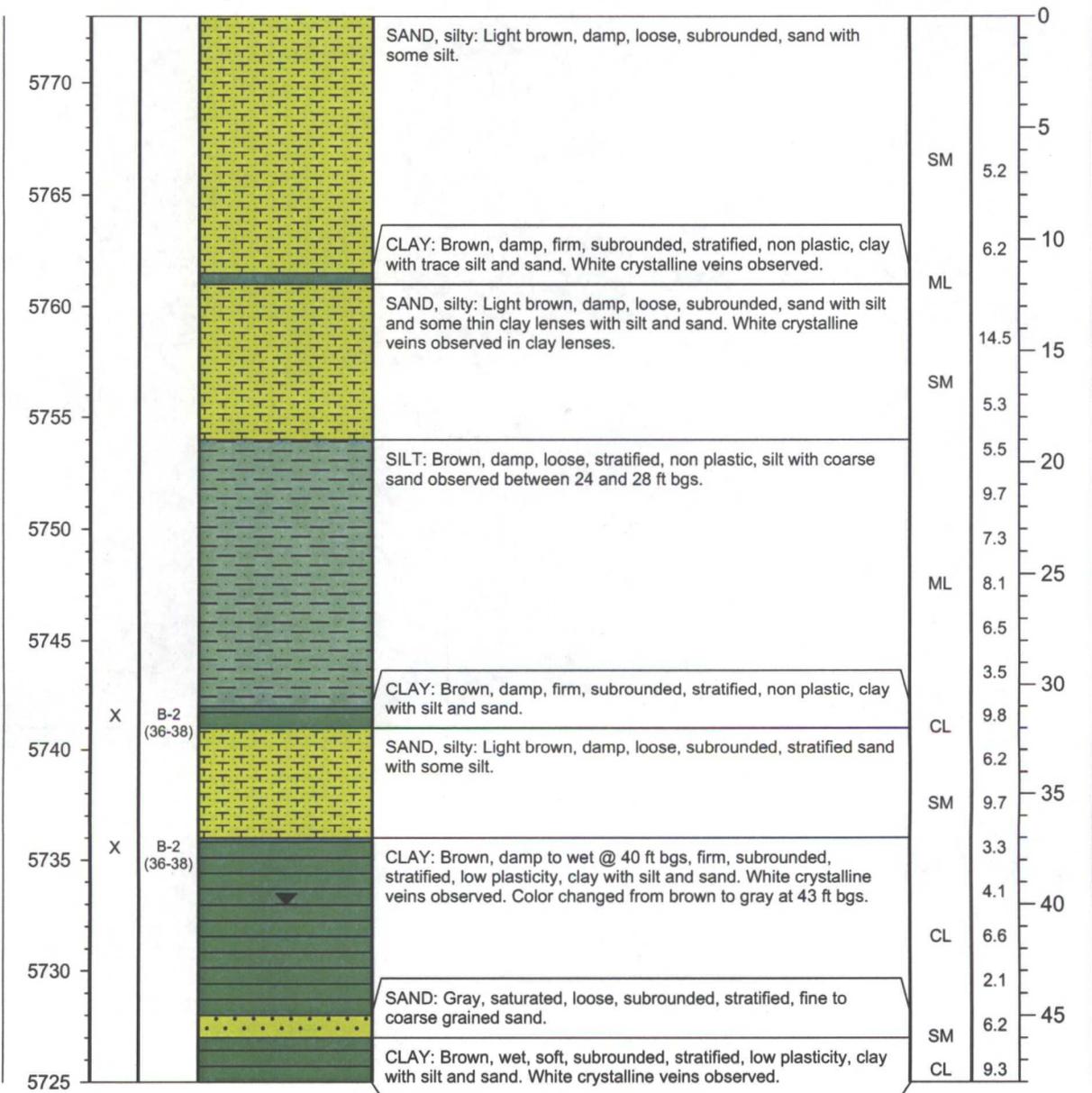
* Attach Additional Sheets If Necessary

APPENDIX C

Soil Boring Log

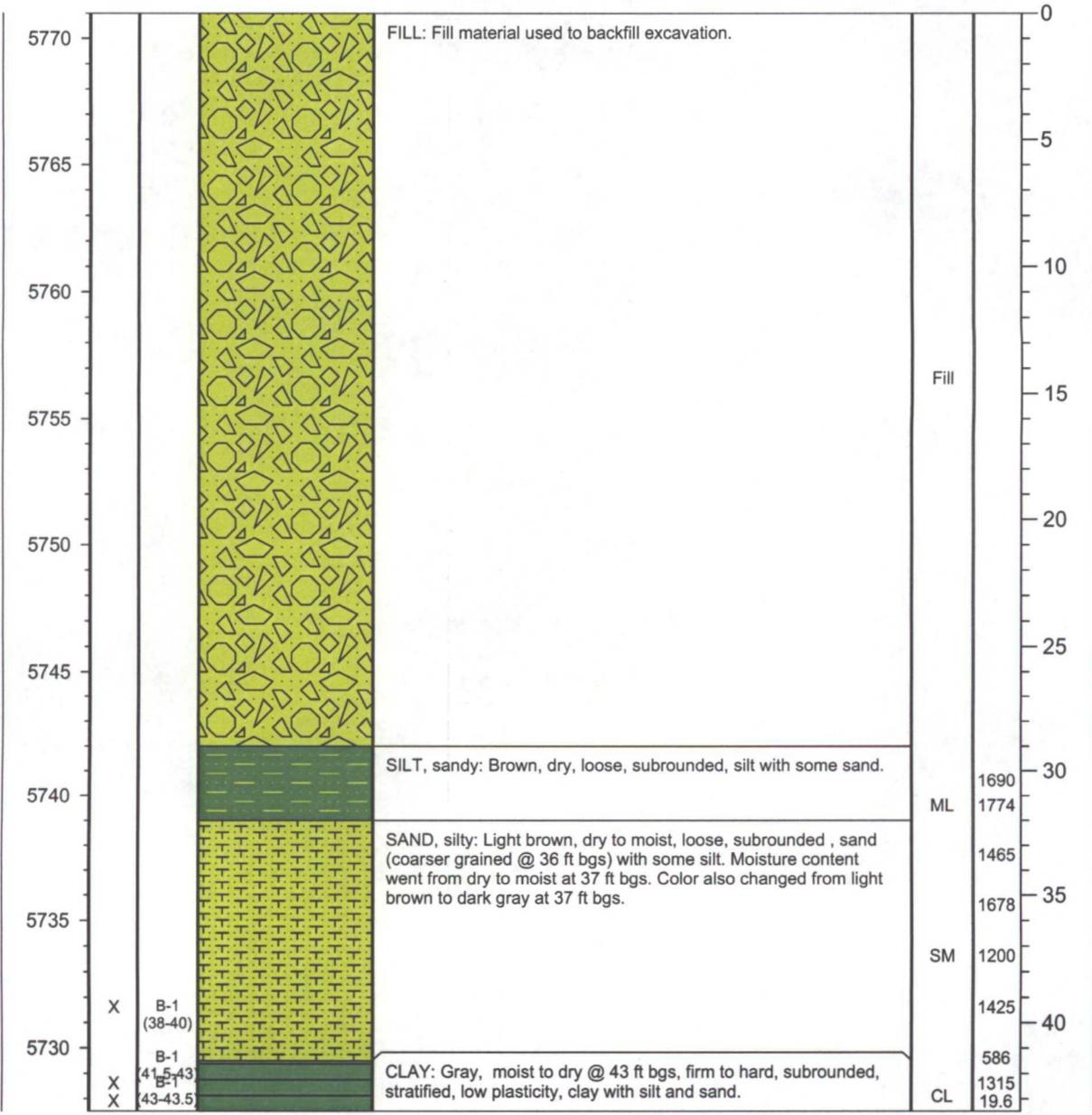
PROJECT NAME: <u>Martin 34 No. 2</u>	SOIL BORING NO. <u>B-2</u>
LOCATION: <u>San Juan County, NM</u>	DRILL TYPE: <u>Geoprobe 540-UD</u>
FIELD LOGGED BY: <u>Bernie Lauctes</u>	<u>Direct Push</u>
ELEVATION: GROUND SURFACE (msl): <u>5773</u>	BORE HOLE DIAMETER: <u>2.25 inches</u>
GROUNDWATER ELEVATION (msl): <u>~ 5733 feet</u>	DRILLED BY: <u>JR Drilling</u>
REMARKS: <u>Once total depth was reached and a GW sample collected, boring was backfilled with hydrated bentonite to surface.</u>	DATE/TIME: HOLE STARTED: <u>March 1, 2011 - 1500</u>
<u>All depths are measured from ground surface.</u>	DATE/TIME: COMPLETED: <u>March 2, 2011 - 12:45</u>

ELEVATION (msl) - ft	SAMPLE TO LAB	SAMPLE ID	CLASSIFICATION AND DESCRIPTION	USCS SYMBOL	PID RESULT (ppm)	DEPTH (bgs) - ft
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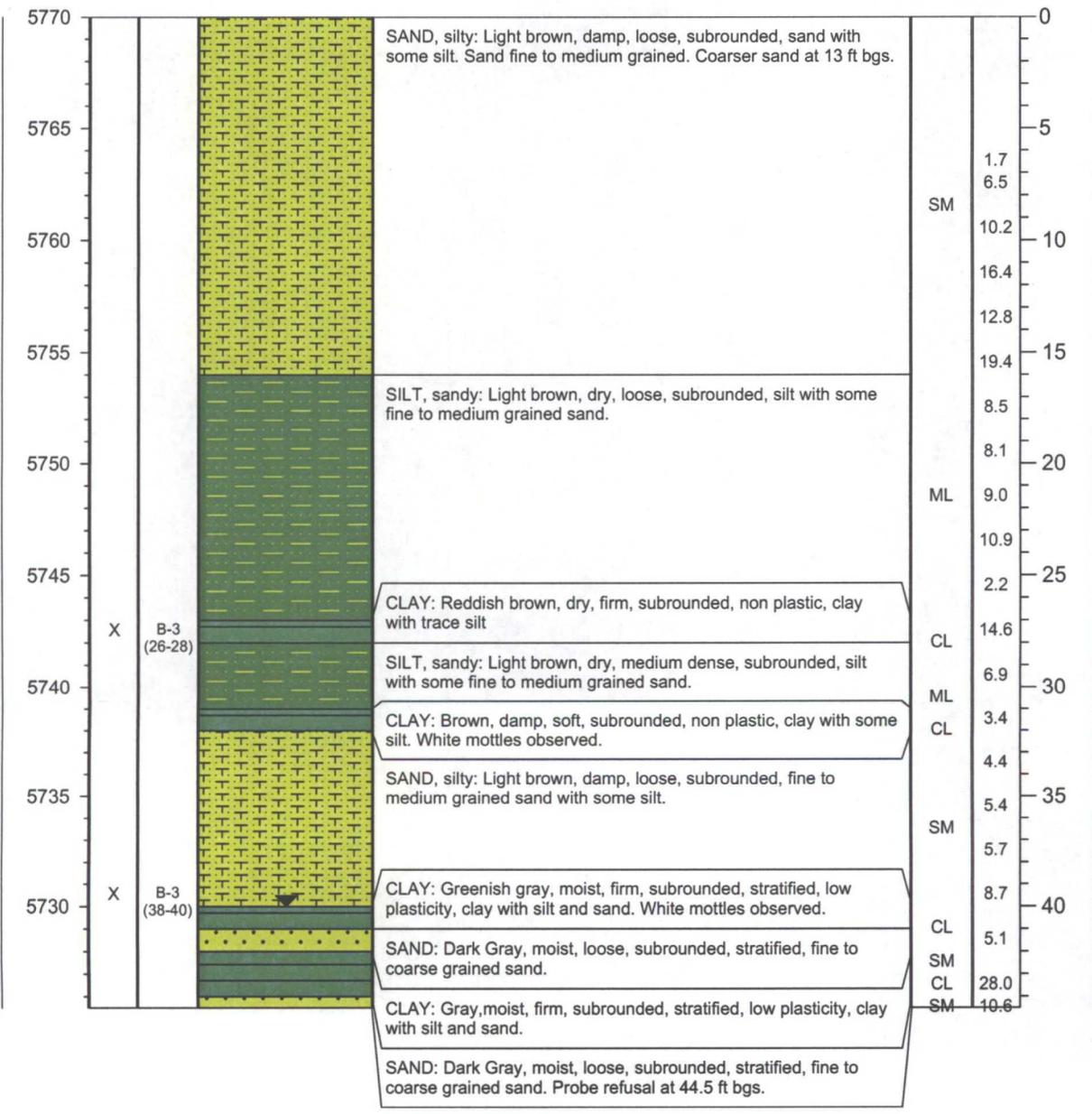
PROJECT NAME: <u>Martin 34 No. 2</u>	SOIL BORING NO. <u>B-1</u>
LOCATION: <u>San Juan County, NM</u>	DRILL TYPE: <u>Geoprobe 540-UD</u>
FIELD LOGGED BY: <u>Bernie Lauctes</u>	<u>Direct Push</u>
ELEVATION: GROUND SURFACE (msl): <u>5771</u>	BORE HOLE DIAMETER: <u>2.25 inches</u>
GROUNDWATER ELEVATION (msl): <u>~ 5734 feet</u>	DRILLED BY: <u>JR Drilling</u>
REMARKS: <u>Once total depth was reached and a GW sample collected</u>	DATE/TIME: HOLE STARTED: <u>March 1, 2011 - 13:00</u>
<u>boring was backfilled with hydrated bentonite to surface.</u>	DATE/TIME: COMPLETED: <u>March 2, 2011 - 12:45</u>
<u>All depths are measured from ground surface.</u>	

ELEVATION (msl) - ft	SAMPLE TO LAB	SAMPLE ID	CLASSIFICATION AND DESCRIPTION	USCS SYMBOL	PID RESULT (ppm)	DEPTH (bgs) - ft
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PROJECT NAME: <u>Martin 34 No. 2</u>	SOIL BORING NO. <u>B-3</u>
LOCATION: <u>San Juan County, NM</u>	DRILL TYPE: <u>Geoprobe 540-UD</u>
FIELD LOGGED BY: <u>Bernie Lauctes</u>	<u>Direct Push</u>
ELEVATION: GROUND SURFACE (msl): <u>5770</u>	BORE HOLE DIAMETER: <u>2.25 inches</u>
GROUNDWATER ELEVATION (msl): <u>~ 5730 feet</u>	DRILLED BY: <u>JR Drilling</u>
REMARKS: <u>Once total depth was reached and a GW sample collected, boring was backfilled with hydrated bentonite to surface.</u>	DATE/TIME: HOLE STARTED: <u>March 2, 2011 - 0900</u>
<u>All depths are measured from ground surface.</u>	DATE/TIME: COMPLETED: <u>March 2, 2011 - 12:45</u>

ELEVATION (msl) - ft	SAMPLE TO LAB	SAMPLE ID	CLASSIFICATION AND DESCRIPTION	USCS SYMBOL	PID RESULT (ppm)	DEPTH (bgs) - ft
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APPENDIX D
Soil Boring Laboratory Analytical Report

APPENDIX D
Soil Boring Laboratory Analytical Report



SPL ENVIRONMENTAL
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

11030104

Report To: Tetra Tech, Inc. Kelly Blanchard 6121 Indian School Road, N.E. Suite 200 Albuquerque NM 87110- ph: (505) 237-8440 fax: (505) 881-3283	Project Name: Martin 34 No.2 Site: Bloomfield, NM Site Address: PO Number: State: New Mexico State Cert. No.: Date Reported: 3/15/2011
--	---

This Report Contains A Total Of 21 Pages

Excluding This Page, Chain Of Custody

And

Any Attachments

3/15/2011

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

Version 2.1 - Modified February 11, 2011



SPL ENVIRONMENTAL
 8880 INTERCHANGE DRIVE
 HOUSTON, TX 77054
 (713) 660-0901

Case Narrative for:
Conoco Phillips

Certificate of Analysis Number:
11030104

<p>Report To: Tetra Tech, Inc. Kelly Blanchard 6121 Indian School Road, N.E. Suite 200 Albuquerque NM 87110- ph: (505) 237-8440 fax: (505) 881-3283</p>	<p>Project Name: Martin 34 No.2 Site: Bloomfield, NM Site Address: PO Number: State: New Mexico State Cert. No.: Date Reported: 3/15/2011</p>
--	---

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II: ANALYSES AND EXCEPTIONS:

No exceptions were noted.

III. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report (" mg/kg-dry " or " ug/kg-dry ").

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

Some of the percent recoveries and RPD's on the QC report for the MS/MSD may be different than the calculated recoveries and RPD's using the sample result and the MS/MSD results that appear on the report because, the actual raw result is used to perform the calculations for percent recovery and RPD.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or by his designee, as verified by the following signature.

11030104 Page 1

3/15/2011

Erica Cardenas
 Project Manager

Date

Test results meet all requirements of NELAC, unless specified in the narrative.



SPL ENVIRONMENTAL
 8880 INTERCHANGE DRIVE
 HOUSTON, TX 77054
 (713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

11030104

Report To: Tetra Tech, Inc.
 Kelly Blanchard
 6121 Indian School Road, N.E.
 Suite 200
 Albuquerque
 NM
 87110-
 ph: (505) 237-8440 fax: (505) 881-3283

Project Name: Martin 34 No.2
Site: Bloomfield, NM
Site Address:
PO Number:
State: New Mexico
State Cert. No.:
Date Reported: 3/15/2011

Fax To:

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
B-1@38.0-40.0'	11030104-01	Soil	03/01/2011 14:05	3/3/2011 9:20:00 AM	306322	<input type="checkbox"/>
B-1@41.5-43.0'	11030104-02	Soil	03/01/2011 14:10	3/3/2011 9:20:00 AM	306322	<input type="checkbox"/>
B-1@43.0-43.5'	11030104-03	Soil	03/01/2011 14:30	3/3/2011 9:20:00 AM	306322	<input type="checkbox"/>
B-2@30.0-32.0'	11030104-04	Soil	03/01/2011 16:00	3/3/2011 9:20:00 AM	306322	<input type="checkbox"/>
B-2@36.0-38.0'	11030104-05	Soil	03/01/2011 16:15	3/3/2011 9:20:00 AM	306322	<input type="checkbox"/>
B-3@26.0-28.0'	11030104-06	Soil	03/02/2011 9:55	3/3/2011 9:20:00 AM	306322	<input type="checkbox"/>
B-3@38.0-40.0'	11030104-07	Soil	03/02/2011 10:20	3/3/2011 9:20:00 AM	306322	<input type="checkbox"/>

Erica Cardenas

3/15/2011

Erica Cardenas
 Project Manager

Date

Kesavalu M. Bagawandoss Ph.D., J.D.
 Laboratory Director

Ted Yen
 Quality Assurance Officer

Client Sample ID: B-1@38.0-40.0'

Collected: 03/01/2011 14:05 SPL Sample ID: 11030104-01

Site: Bloomfield, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq: #
DIESEL RANGE ORGANICS			MCL	SW8015B	Units: mg/kg		
Diesel Range Organics (C10-C28)	200		25	5	03/10/11 12:48	NW	5741647
Surr: n-Pentacosane	78.1	%	20-154	5	03/10/11 12:48	NW	5741647

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3550B	03/08/2011 14:35	QMT	1.00

GASOLINE RANGE ORGANICS			MCL	SW8015B	Units: mg/kg		
Gasoline Range Organics	4800		100	1000	03/04/11 22:48	WLV	5738470
Surr: 1,4-Difluorobenzene	119	%	63-142	1000	03/04/11 22:48	WLV	5738470
Surr: 4-Bromofluorobenzene	151	%	50-159	1000	03/04/11 22:48	WLV	5738470

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5030B	03/04/2011 10:09	XML	1.00

ION CHROMATOGRAPHY			MCL	E300.0 MOD	Units: mg/kg		
Chloride	92.9		10	2	03/04/11 15:39	ESK	5737820

VOLATILE ORGANICS BY METHOD 8260B			MCL	SW8260B	Units: ug/kg		
Benzene	2700		1200	250	03/08/11 20:48	LU_L	5739989
Ethylbenzene	23000		1200	250	03/08/11 20:48	LU_L	5739989
Toluene	110000		12000	2500	03/08/11 20:22	LU_L	5739988
m,p-Xylene	240000		12000	2500	03/08/11 20:22	LU_L	5739988
o-Xylene	53000		12000	2500	03/08/11 20:22	LU_L	5739988
Xylenes, Total	293000		12500	2500	03/08/11 20:22	LU_L	5739988
Surr: 1,2-Dichloroethane-d4	93.7	%	78-116	2500	03/08/11 20:22	LU_L	5739988
Surr: 1,2-Dichloroethane-d4	94.0	%	78-116	250	03/08/11 20:48	LU_L	5739989
Surr: 4-Bromofluorobenzene	102	%	74-125	2500	03/08/11 20:22	LU_L	5739988
Surr: 4-Bromofluorobenzene	103	%	74-125	250	03/08/11 20:48	LU_L	5739989
Surr: Toluene-d8	101	%	82-118	2500	03/08/11 20:22	LU_L	5739988
Surr: Toluene-d8	108	%	82-118	250	03/08/11 20:48	LU_L	5739989

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5030B	03/04/2011 10:07	XML	1.00

Qualifiers: ND/U - Not Detected at the Reporting Limit >MCL - Result Over Maximum Contamination Limit(MCL)
 B - Analyte Detected In The Associated Method Blank D - Surrogate Recovery Unreportable due to Dilution
 * - Surrogate Recovery Outside Advisable QC Limits MI - Matrix Interference
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count



SPL ENVIRONMENTAL
 8880 INTERCHANGE DRIVE
 HOUSTON, TX 77054
 (713) 660-0901

Client Sample ID: B-1@41.5-43.0' Collected: 03/01/2011 14:10 SPL Sample ID: 11030104-02

Site: Bloomfield, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			MCL	SW8015B	Units: mg/kg		
Diesel Range Organics (C10-C28)	6		5	1	03/09/11 17:27	NW	5741635
Surr: n-Pentacosane	77.9	%	20-154	1	03/09/11 17:27	NW	5741635

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3550B	03/08/2011 14:35	QMT	1.00

GASOLINE RANGE ORGANICS			MCL	SW8015B	Units: mg/kg		
Gasoline Range Organics	0.2		0.1	1	03/05/11 1:22	WLV	5738473
Surr: 1,4-Difluorobenzene	101	%	63-142	1	03/05/11 1:22	WLV	5738473
Surr: 4-Bromofluorobenzene	111	%	50-159	1	03/05/11 1:22	WLV	5738473

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5030B	03/04/2011 9:42	XML	1.00

ION CHROMATOGRAPHY			MCL	E300.0 MOD	Units: mg/kg		
Chloride	114		5	1	03/04/11 15:56	ESK	5737821

VOLATILE ORGANICS BY METHOD 8260B			MCL	SW8260B	Units: ug/kg		
Benzene	ND		5	1	03/08/11 18:57	TLE	5739776
Ethylbenzene	ND		5	1	03/08/11 18:57	TLE	5739776
Toluene	ND		5	1	03/08/11 18:57	TLE	5739776
m,p-Xylene	6.1		5	1	03/08/11 18:57	TLE	5739776
o-Xylene	ND		5	1	03/08/11 18:57	TLE	5739776
Xylenes, Total	6.1		5	1	03/08/11 18:57	TLE	5739776
Surr: 1,2-Dichloroethane-d4	99.2	%	71-130	1	03/08/11 18:57	TLE	5739776
Surr: 4-Bromofluorobenzene	103	%	65-131	1	03/08/11 18:57	TLE	5739776
Surr: Toluene-d8	107	%	75-136	1	03/08/11 18:57	TLE	5739776

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5030B	03/04/2011 9:38	XML	1.00

Qualifiers: ND/U - Not Detected at the Reporting Limit >MCL - Result Over Maximum Contamination Limit(MCL)
 B - Analyte Detected In The Associated Method Blank D - Surrogate Recovery Unreportable due to Dilution
 * - Surrogate Recovery Outside Advisable QC Limits MI - Matrix Interference
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

Client Sample ID: B-1@43.0-43.5'

Collected: 03/01/2011 14:30 SPL Sample ID: 11030104-03

Site: Bloomfield, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				MCL	SW8015B	Units: mg/kg	
Diesel Range Organics (C10-C28)	ND		5	1	03/09/11 19:08	NW	5741638
Surr: n-Pentacosane	83.3		% 20-154	1	03/09/11 19:08	NW	5741638

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3550B	03/08/2011 14:35	QMT	1.00

GASOLINE RANGE ORGANICS				MCL	SW8015B	Units: mg/kg	
Gasoline Range Organics	ND		0.1	1	03/05/11 2:48	WLV	5738476
Surr: 1,4-Difluorobenzene	96.9		% 63-142	1	03/05/11 2:48	WLV	5738476
Surr: 4-Bromofluorobenzene	106		% 50-159	1	03/05/11 2:48	WLV	5738476

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5030B	03/04/2011 9:51	XML	1.00

ION CHROMATOGRAPHY				MCL	E300.0 MOD	Units: mg/kg	
Chloride	111		5	1	03/04/11 16:13	ESK	5737822

VOLATILE ORGANICS BY METHOD 8260B				MCL	SW8260B	Units: ug/kg	
Benzene	ND		5	1	03/08/11 20:22	TLE	5739779
Ethylbenzene	ND		5	1	03/08/11 20:22	TLE	5739779
Toluene	ND		5	1	03/08/11 20:22	TLE	5739779
m,p-Xylene	7.1		5	1	03/08/11 20:22	TLE	5739779
o-Xylene	ND		5	1	03/08/11 20:22	TLE	5739779
Xylenes, Total	7.1		5	1	03/08/11 20:22	TLE	5739779
Surr: 1,2-Dichloroethane-d4	95.6		% 71-130	1	03/08/11 20:22	TLE	5739779
Surr: 4-Bromofluorobenzene	101		% 65-131	1	03/08/11 20:22	TLE	5739779
Surr: Toluene-d8	107		% 75-136	1	03/08/11 20:22	TLE	5739779

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5030B	03/04/2011 9:49	XML	1.00

Qualifiers: ND/U - Not Detected at the Reporting Limit >MCL - Result Over Maximum Contamination Limit(MCL)
 B - Analyte Detected In The Associated Method Blank D - Surrogate Recovery Unreportable due to Dilution
 * - Surrogate Recovery Outside Advisable QC Limits MI - Matrix Interference
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count



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Client Sample ID: B-2@30.0-32.0'

Collected: 03/01/2011 16:00 SPL Sample ID: 11030104-04

Site: Bloomfield, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			MCL	SW8015B	Units: mg/kg		
Diesel Range Organics (C10-C28)	ND		5	1	03/09/11 19:48	NW	5741639
Surr: n-Pentacosane	66.6		% 20-154	1	03/09/11 19:48	NW	5741639

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3550B	03/08/2011 14:35	QMT	1.00

GASOLINE RANGE ORGANICS			MCL	SW8015B	Units: mg/kg		
Gasoline Range Organics	ND		0.1	1	03/05/11 3:17	WLV	5738477
Surr: 1,4-Difluorobenzene	94.8		% 63-142	1	03/05/11 3:17	WLV	5738477
Surr: 4-Bromofluorobenzene	106		% 50-159	1	03/05/11 3:17	WLV	5738477

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5030B	03/04/2011 9:54	XML	1.00

ION CHROMATOGRAPHY			MCL	E300.0 MOD	Units: mg/kg		
Chloride	16.4		5	1	03/04/11 16:30	ESK	5737823

VOLATILE ORGANICS BY METHOD 8260B			MCL	SW8260B	Units: ug/kg		
Benzene	ND		5	1	03/08/11 20:44	TLE	5739780
Ethylbenzene	ND		5	1	03/08/11 20:44	TLE	5739780
Toluene	ND		5	1	03/08/11 20:44	TLE	5739780
m,p-Xylene	9		5	1	03/08/11 20:44	TLE	5739780
o-Xylene	ND		5	1	03/08/11 20:44	TLE	5739780
Xylenes, Total	9		5	1	03/08/11 20:44	TLE	5739780
Surr: 1,2-Dichloroethane-d4	99.6		% 71-130	1	03/08/11 20:44	TLE	5739780
Surr: 4-Bromofluorobenzene	102		% 65-131	1	03/08/11 20:44	TLE	5739780
Surr: Toluene-d8	106		% 75-136	1	03/08/11 20:44	TLE	5739780

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5030B	03/04/2011 9:53	XML	1.00

Qualifiers: ND/U - Not Detected at the Reporting Limit >MCL - Result Over Maximum Contamination Limit(MCL)
 B - Analyte Detected In The Associated Method Blank D - Surrogate Recovery Unreportable due to Dilution
 * - Surrogate Recovery Outside Advisable QC Limits MI - Matrix Interference
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

Client Sample ID: B-2@36.0-38.0'

Collected: 03/01/2011 16:15 SPL Sample ID: 11030104-05

Site: Bloomfield, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				MCL	SW8015B	Units: mg/kg	
Diesel Range Organics (C10-C28)	ND		5	1	03/09/11 20:28	NW	5741640
Surr: n-Pentacosane	83.7		% 20-154	1	03/09/11 20:28	NW	5741640

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3550B	03/08/2011 14:35	QMT	1.00

GASOLINE RANGE ORGANICS				MCL	SW8015B	Units: mg/kg	
Gasoline Range Organics	ND		0.1	1	03/05/11 3:52	WLV	5738478
Surr: 1,4-Difluorobenzene	96.4		% 63-142	1	03/05/11 3:52	WLV	5738478
Surr: 4-Bromofluorobenzene	105		% 50-159	1	03/05/11 3:52	WLV	5738478

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5030B	03/04/2011 9:57	XML	1.00

ION CHROMATOGRAPHY				MCL	E300.0 MOD	Units: mg/kg	
Chloride	24		5	1	03/04/11 17:21	ESK	5737826

VOLATILE ORGANICS BY METHOD 8260B				MCL	SW8260B	Units: ug/kg	
Benzene	ND		5	1	03/08/11 21:05	TLE	5739781
Ethylbenzene	ND		5	1	03/08/11 21:05	TLE	5739781
Toluene	ND		5	1	03/08/11 21:05	TLE	5739781
m,p-Xylene	ND		5	1	03/08/11 21:05	TLE	5739781
o-Xylene	ND		5	1	03/08/11 21:05	TLE	5739781
Xylenes, Total	ND		5	1	03/08/11 21:05	TLE	5739781
Surr: 1,2-Dichloroethane-d4	98.4		% 71-130	1	03/08/11 21:05	TLE	5739781
Surr: 4-Bromofluorobenzene	103		% 65-131	1	03/08/11 21:05	TLE	5739781
Surr: Toluene-d8	105		% 75-136	1	03/08/11 21:05	TLE	5739781

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5030B	03/04/2011 9:55	XML	1.00

Qualifiers: ND/U - Not Detected at the Reporting Limit >MCL - Result Over Maximum Contamination Limit(MCL)
 B - Analyte Detected In The Associated Method Blank D - Surrogate Recovery Unreportable due to Dilution
 * - Surrogate Recovery Outside Advisable QC Limits MI - Matrix Interference
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count



SPL ENVIRONMENTAL
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Client Sample ID: B-3@26.0-28.0'

Collected: 03/02/2011 9:55

SPL Sample ID: 11030104-06

Site: Bloomfield, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				MCL	SW8015B	Units: mg/kg	
Diesel Range Organics (C10-C28)	10		5	1	03/09/11 21:08	NW	5741641
Surr: n-Pentacosane	86.9		% 20-154	1	03/09/11 21:08	NW	5741641

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3550B	03/08/2011 14:35	QMT	1.00

GASOLINE RANGE ORGANICS				MCL	SW8015B	Units: mg/kg	
Gasoline Range Organics	ND		0.1	1	03/05/11 4:21	WLV	5738479
Surr: 1,4-Difluorobenzene	96.6		% 63-142	1	03/05/11 4:21	WLV	5738479
Surr: 4-Bromofluorobenzene	105		% 50-159	1	03/05/11 4:21	WLV	5738479

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5030B	03/04/2011 10:01	XML	1.00

ION CHROMATOGRAPHY				MCL	E300.0 MOD	Units: mg/kg	
Chloride	97.4		10	2	03/04/11 17:38	ESK	5737827

VOLATILE ORGANICS BY METHOD 8260B				MCL	SW8260B	Units: ug/kg	
Benzene	ND		5	1	03/08/11 21:27	TLE	5739782
Ethylbenzene	ND		5	1	03/08/11 21:27	TLE	5739782
Toluene	ND		5	1	03/08/11 21:27	TLE	5739782
m,p-Xylene	7.4		5	1	03/08/11 21:27	TLE	5739782
o-Xylene	ND		5	1	03/08/11 21:27	TLE	5739782
Xylenes, Total	7.4		5	1	03/08/11 21:27	TLE	5739782
Surr: 1,2-Dichloroethane-d4	98.0		% 71-130	1	03/08/11 21:27	TLE	5739782
Surr: 4-Bromofluorobenzene	102		% 65-131	1	03/08/11 21:27	TLE	5739782
Surr: Toluene-d8	107		% 75-136	1	03/08/11 21:27	TLE	5739782

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5030B	03/04/2011 9:59	XML	1.00

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

Client Sample ID: B-3@38.0-40.0'

Collected: 03/02/2011 10:20 SPL Sample ID: 11030104-07

Site: Bloomfield, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				MCL	SW8015B	Units: mg/kg	
Diesel Range Organics (C10-C28)	ND		5	1	03/09/11 21:49	NW	5741642
Surr: n-Pentacosane	52.0		% 20-154	1	03/09/11 21:49	NW	5741642

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3550B	03/08/2011 14:35	QMT	1.00

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS				MCL	SW8015B	Units: mg/kg	
Gasoline Range Organics	ND		0.1	1	03/05/11 4:49	WLV	5738480
Surr: 1,4-Difluorobenzene	97.1		% 63-142	1	03/05/11 4:49	WLV	5738480
Surr: 4-Bromofluorobenzene	104		% 50-159	1	03/05/11 4:49	WLV	5738480

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5030B	03/04/2011 10:05	XML	1.00

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
ION CHROMATOGRAPHY				MCL	E300.0 MOD	Units: mg/kg	
Chloride	16.7		5	1	03/04/11 17:55	ESK	5737828

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B				MCL	SW8260B	Units: ug/kg	
Benzene	ND		5	1	03/08/11 21:48	TLE	5739783
Ethylbenzene	ND		5	1	03/08/11 21:48	TLE	5739783
Toluene	ND		5	1	03/08/11 21:48	TLE	5739783
m,p-Xylene	ND		5	1	03/08/11 21:48	TLE	5739783
o-Xylene	ND		5	1	03/08/11 21:48	TLE	5739783
Xylenes, Total	ND		5	1	03/08/11 21:48	TLE	5739783
Surr: 1,2-Dichloroethane-d4	99.9		% 71-130	1	03/08/11 21:48	TLE	5739783
Surr: 4-Bromofluorobenzene	101		% 65-131	1	03/08/11 21:48	TLE	5739783
Surr: Toluene-d8	105		% 75-136	1	03/08/11 21:48	TLE	5739783

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5030B	03/04/2011 10:03	XML	1.00

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

Quality Control Documentation

Quality Control Report

Conoco Phillips

Martin 34 No.2

Analysis: Diesel Range Organics
Method: SW8015B

WorkOrder: 11030104
Lab Batch ID: 105385

Method Blank

RunID: HP_V_110309A-5741634 Units: mg/kg
Analysis Date: 03/09/2011 15:06 Analyst: NW
Preparation Date: 03/08/2011 14:35 Prep By: QMT Method: SW3550B

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
11030104-01B	B-1@38.0-40.0'
11030104-02B	B-1@41.5-43.0'
11030104-03A	B-1@43.0-43.5'
11030104-04B	B-2@30.0-32.0'
11030104-05B	B-2@36.0-38.0'
11030104-06B	B-3@26.0-28.0'
11030104-07B	B-3@38.0-40.0'

Analyte	Result	Rep Limit
Diesel Range Organics (C10-C28)	ND	5.0
Surr: n-Pentacosane	112.0	20-154

Laboratory Control Sample (LCS)

RunID: HP_V_110309A-5741633 Units: mg/kg
Analysis Date: 03/09/2011 14:47 Analyst: NW
Preparation Date: 03/08/2011 14:35 Prep By: QMT Method: SW3550B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Diesel Range Organics (C10-C28)	33.3	34.4	103	57	150
Surr: n-Pentacosane	1.66	1.65	99.2	20	154

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 11030104-01
RunID: HP_V_110309A-5741648 Units: mg/kg
Analysis Date: 03/10/2011 13:28 Analyst: NW
Preparation Date: 03/08/2011 14:35 Prep By: QMT Method: SW3550B

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Diesel Range Organics (C10-C28)	198	33.3	250	N/C	33.3	309	N/C	N/C	50	21	175
Surr: n-Pentacosane	ND	1.66	1.27	76.6	1.66	1.49	90.0	16.1	30	20	154

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
J - Estimated Value Between MDL And PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TN/C - Too numerous to count

MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

Quality Control Report

Conoco Phillips

Martin 34 No.2

Analysis: Gasoline Range Organics
Method: SW8015B

WorkOrder: 11030104
Lab Batch ID: R316686

Method Blank

Samples in Analytical Batch:

RunID: HP_O_110304B-5738468 Units: mg/kg
Analysis Date: 03/04/2011 21:20 Analyst: WLV
Preparation Date: 03/04/2011 21:20 Prep By: Method: SW5030B

Lab Sample ID	Client Sample ID
11030104-01B	B-1@38.0-40.0'
11030104-02B	B-1@41.5-43.0'
11030104-03A	B-1@43.0-43.5'
11030104-04B	B-2@30.0-32.0'
11030104-05B	B-2@36.0-38.0'
11030104-06B	B-3@26.0-28.0'
11030104-07B	B-3@38.0-40.0'

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.10
Surr: 1,4-Difluorobenzene	93.4	63-142
Surr: 4-Bromofluorobenzene	94.0	50-159

Methanolic Preparation Blank

RunID: HP_O_110304B-5738469 Units: mg/kg
Analysis Date: 03/04/2011 21:49 Analyst: WLV
Preparation Date: 03/04/2011 21:49 Prep By: Method: SW5030B

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	2.5
Surr: 1,4-Difluorobenzene	94.1	63-142
Surr: 4-Bromofluorobenzene	96.0	50-159

Laboratory Control Sample (LCS)

RunID: HP_O_110304B-5738467 Units: mg/kg
Analysis Date: 03/04/2011 20:52 Analyst: WLV
Preparation Date: 03/04/2011 20:52 Prep By: Method: SW5030B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Gasoline Range Organics	1.00	0.910	91.0	70	130
Surr: 1,4-Difluorobenzene	0.100	0.099	99.0	63	142
Surr: 4-Bromofluorobenzene	0.100	0.103	103	50	159

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
J - Estimated Value Between MDL And PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TN/C - Too numerous to count

MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.



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 HOUSTON, TX 77054
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Quality Control Report

Conoco Phillips

Martin 34 No.2

Analysis: Gasoline Range Organics
 Method: SW8015B

WorkOrder: 11030104
 Lab Batch ID: R316686

Sample Spiked: 11030104-02
 RunID: HP_O_110304B-5738471 Units: mg/kg
 Analysis Date: 03/05/2011 0:25 Analyst: WLW
 Preparation Date: 03/04/2011 9:43 Prep By: XML Method: SW5030B

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Gasoline Range Organics	0.195	1	1.12	92.8	1	1.02	82.8	9.35	50	26	147
Surr: 1,4-Difluorobenzene	ND	0.1	0.105	105	0.1	0.103	103	2.12	30	63	142
Surr: 4-Bromofluorobenzene	ND	0.1	0.119	119	0.1	0.118	118	0.844	30	50	159

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 J - Estimated Value Between MDL And PQL
 E - Estimated Value exceeds calibration curve
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
 TNTC - Too numerous to count

MI - Matrix Interference
 D - Recovery Unreportable due to Dilution
 * - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

Quality Control Report

Conoco Phillips

Martin 34 No.2

Analysis: Volatile Organics by Method 8260B
Method: SW8260B

WorkOrder: 11030104
Lab Batch ID: R316785

Method Blank

RunID: MSDVOA4_110308C-5739775 Units: ug/kg
Analysis Date: 03/08/2011 14:40 Analyst: TLE

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
11030104-02A	B-1@41.5-43.0'
11030104-03A	B-1@43.0-43.5'
11030104-04A	B-2@30.0-32.0'
11030104-05A	B-2@36.0-38.0'
11030104-06A	B-3@26.0-28.0'
11030104-07A	B-3@38.0-40.0'

Analyte	Result	Rep Limit
Benzene	ND	5.0
Ethylbenzene	ND	5.0
Toluene	ND	5.0
m,p-Xylene	ND	5.0
o-Xylene	ND	5.0
Xylenes, Total	ND	5.0
Surr: 1,2-Dichloroethane-d4	99.5	71-130
Surr: 4-Bromofluorobenzene	103.8	65-131
Surr: Toluene-d8	106.0	75-136

Laboratory Control Sample (LCS)

RunID: MSDVOA4_110308C-57397 Units: ug/kg
Analysis Date: 03/08/2011 12:38 Analyst: TLE

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20.0	19.0	94.9	64	130
Ethylbenzene	20.0	20.2	101	58	143
Toluene	20.0	19.4	96.8	63	139
m,p-Xylene	40.0	41.1	103	64	137
o-Xylene	20.0	20.2	101	64	143
Xylenes, Total	60.0	61.3	102	64	143
Surr: 1,2-Dichloroethane-d4	50.0	49.5	99.0	71	130
Surr: 4-Bromofluorobenzene	50.0	52.4	105	65	131
Surr: Toluene-d8	50.0	51.8	104	75	136

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
J - Estimated Value Between MDL And PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

Quality Control Report

Conoco Phillips

Martin 34 No.2

Analysis: Volatile Organics by Method 8260B
Method: SW8260B

WorkOrder: 11030104
Lab Batch ID: R316785

Sample Spiked: 11030104-02
RunID: MSDVOA4_110308C-57397 Units: ug/kg
Analysis Date: 03/08/2011 19:18 Analyst: TLE
Preparation Date: 03/04/2011 9:48 Prep By: XML Method: SW5030B

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	16.9	83.5	20	17.1	84.5	1.18	21	49	135
Ethylbenzene	ND	20	18.6	90.4	20	19.4	94.3	4.16	30	39	135
Toluene	ND	20	17.5	84.9	20	17.8	86.5	1.77	21	49	133
m,p-Xylene	6.10	40	41.4	88.2	40	44.7	96.5	7.75	30	32	140
o-Xylene	ND	20	19.2	85.2	20	20.3	91.1	5.94	30	36	142
Xylenes, Total	8.22	60	60.6	87.2	60	65.0	94.7	7.18	30	32	142
Surr: 1,2-Dichloroethane-d4	ND	50	48.5	97.0	50	48.8	97.6	0.597	30	71	130
Surr: 4-Bromofluorobenzene	ND	50	52	104	50	52.1	104	0.236	30	65	131
Surr: Toluene-d8	ND	50	52.4	105	50	52.3	105	0.151	30	75	136

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
J - Estimated Value Between MDL And PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

Quality Control Report

Conoco Phillips

Martin 34 No.2

Analysis: Volatile Organics by Method 8260B
Method: SW8260B

WorkOrder: 11030104
Lab Batch ID: R316798

Method Blank

Samples in Analytical Batch:

RunID: K_110308F-5739983 Units: ug/kg
Analysis Date: 03/08/2011 11:36 Analyst: LU_L

Lab Sample ID Client Sample ID
11030104-01A B-1@38.0-40.0'

Analyte	Result	Rep Limit
Benzene	ND	5.0
Ethylbenzene	ND	5.0
Toluene	ND	5.0
m,p-Xylene	ND	5.0
o-Xylene	ND	5.0
Xylenes, Total	ND	5.0
Surr: 1,2-Dichloroethane-d4	94.9	71-130
Surr: 4-Bromofluorobenzene	98.6	65-131
Surr: Toluene-d8	101.1	75-136

Methanolic Preparation Blank

RunID: K_110308F-5739984 Units: ug/kg
Analysis Date: 03/08/2011 12:02 Analyst: LU_L

Analyte	Result	Rep Limit
Benzene	ND	250
Ethylbenzene	ND	250
Toluene	ND	250
m,p-Xylene	ND	250
o-Xylene	ND	250
Xylenes, Total	ND	250
Surr: 1,2-Dichloroethane-d4	97.7	78-116
Surr: 4-Bromofluorobenzene	99.8	74-125
Surr: Toluene-d8	102.0	82-118

Laboratory Control Sample (LCS)

RunID: K_110308F-5739982 Units: ug/kg
Analysis Date: 03/08/2011 11:10 Analyst: LU_L

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
 B - Analyte Detected in The Associated Method Blank D - Recovery Unreportable due to Dilution
 J - Estimated Value Between MDL And PQL * - Recovery Outside Advisable QC Limits
 E - Estimated Value exceeds calibration curve
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
 TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

Quality Control Report

Conoco Phillips

Martin 34 No.2

Analysis: Volatile Organics by Method 8260B
Method: SW8260B

WorkOrder: 11030104
Lab Batch ID: R316798

Laboratory Control Sample (LCS)

RunID: K_110308F-5739982 Units: ug/kg
Analysis Date: 03/08/2011 11:10 Analyst: LU_L

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20.0	20.7	103	74	123
Ethylbenzene	20.0	19.4	96.8	72	127
Toluene	20.0	19.4	97.0	74	126
m,p-Xylene	40.0	38.3	95.8	71	129
o-Xylene	20.0	19.5	97.4	74	130
Xylenes, Total	60.0	57.8	96.3	71	130
Surr: 1,2-Dichloroethane-d4	50.0	47.9	95.8	78	116
Surr: 4-Bromofluorobenzene	50.0	49	97.9	74	125
Surr: Toluene-d8	50.0	50.1	100	82	118

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 11030073-02
RunID: K_110308F-5739986 Units: ug/kg
Analysis Date: 03/08/2011 16:52 Analyst: LU_L
Preparation Date: 03/02/2011 10:00 Prep By: Method: SW5035A

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	893	995	111	893	994	111	0.100	22	70	124
Ethylbenzene	ND	893	1110	104	893	1100	102	0.992	20	76	122
Toluene	ND	893	915	103	893	906	101	1.06	24	80	117
m,p-Xylene	ND	1790	1780	99.8	1790	1800	101	1.01	20	69	127
o-Xylene	ND	893	909	102	893	899	101	1.09	20	84	114
Xylenes, Total	ND	2679	2689	100.4	2679	2699	100.7	0.3074	20	69	127
Surr: 1,2-Dichloroethane-d4	ND	2230	2170	97.4	2230	2100	94.2	3.32	30	78	116
Surr: 4-Bromofluorobenzene	ND	2230	2230	100	2230	2170	97.1	3.08	30	74	125
Surr: Toluene-d8	ND	2230	2270	102	2230	2220	99.6	2.28	30	82	118

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
B - Analyte Detected In The Associated Method Blank D - Recovery Unreportable due to Dilution
J - Estimated Value Between MDL And PQL * - Recovery Outside Advisable QC Limits
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count



SPL ENVIRONMENTAL
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips
Martin 34 No.2

Analysis: Volatile Organics by Method 8260B
Method: SW8260B

WorkOrder: 11030104
Lab Batch ID: R316798

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
J - Estimated Value Between MDL And PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

Quality Control Report

Conoco Phillips

Martin 34 No.2

Analysis: Ion Chromatography
Method: E300.0 MOD

WorkOrder: 11030104
Lab Batch ID: R316642

Method Blank

RunID: IC2_110304B-5737816 Units: mg/kg
Analysis Date: 03/04/2011 14:31 Analyst: ESK

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
11030104-01B	B-1@38.0-40.0'
11030104-02B	B-1@41.5-43.0'
11030104-03A	B-1@43.0-43.5'
11030104-04B	B-2@30.0-32.0'
11030104-05B	B-2@36.0-38.0'
11030104-06B	B-3@26.0-28.0'
11030104-07B	B-3@38.0-40.0'

Analyte	Result	Rep Limit
Chloride	ND	5.0

Laboratory Control Sample (LCS)

RunID: IC2_110304B-5737817 Units: mg/kg
Analysis Date: 03/04/2011 14:48 Analyst: ESK

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	100.0	98.22	98.22	90	110

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 11030104-04
RunID: IC2_110304B-5737824 Units: mg/kg
Analysis Date: 03/04/2011 16:47 Analyst: ESK

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	16.37	50	58.39	84.04	50	57.56	82.38	1.432	15	80	120

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
J - Estimated Value Between MDL And PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

*Sample Receipt Checklist
And
Chain of Custody*



SPL ENVIRONMENTAL
 8880 INTERCHANGE DRIVE
 HOUSTON, TX 77054
 (713) 660-0901

Sample Receipt Checklist

Workorder:	11030104	Received By:	NB
Date and Time Received:	3/3/2011 9:20:00 AM	Carrier name:	Fedex-Standard Overnight
Temperature:	2.0/2.0°C	Chilled by:	Water Ice

- | | | | |
|--|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact on shipping container/cooler? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. Container/Temp Blank temperature in compliance? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | VOA Vials Not Present <input checked="" type="checkbox"/> |
| 13. Water - Preservation checked upon receipt (except VOA*)? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Applicable <input checked="" type="checkbox"/> |

*VOA Preservation Checked After Sample Analysis

SPL Representative:

Contact Date & Time:

Client Name Contacted:

Non Conformance Issues:

Client Instructions:



SPL, Inc.

Analysis Request & Chain of Custody Record

SPL WORKORDER NO.

306322

1103010M

page 1 of 1

Client Name: Canoco Phillips / Tetra Tech
 Address: 60121 Indian School Rd NE Ste 200
 City: Albuquerque, NM State: NM Zip: 87101
 Phone/Fax: (505) 237-8440
 Client Contact: Kelly Blanchard Email: Kelly.Blanchard@TetraTech.com
 Project Name/No.: MARTIN 34 No. 2
 Site Name: Brown Field NM

matrix	bottle	size	pres.	Number of Containers	Requested Analysis
W=water S=soil O=oil A=air SL=sudge E=encore X=other	P=plastic A=amber glass G=class V=vial X=other	1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other	1=HCl 2=HNO3 3=H2SO4 X=other		

SAMPLE ID	DATE	TIME	Ph:	
			comp	grab
B-1 @ 38.0 - 40.0'	03-1-11	1405	X	
B-1 @ 41.5 - 43.0'	03-1-11	1410	X	
B-1 @ 43.0 - 43.5'	03-1-11	1430	X	
B-2 @ 30.0 - 32.0'	03-1-11	1600	X	
B-2 @ 36.0 - 38.0'	03-1-11	1615	X	
B-3 @ 26.0 - 28.0'	03-2-11	0955	X	
B-3 @ 38.0 - 40.0'	03-2-11	1020	X	

Client/Consultant Remarks: Laboratory remarks: Add chloride to all samples per client request. ✓

Intact? Y N
 Ice? Y N
 Temp: Y N

Requested TAT

1. Business Day Contract
 2. Business Days Standard
 3. Business Days
 Other

Rush TAT requires prior notice

Special Reporting Requirements Results: Fax Email PDF
 Standard QC Level 3 QC Level 4 QC TX TRRP LA RECAP

1. Relinquished by Sampler: BYA date 03-02-11
 3. Relinquished by: date
 5. Relinquished by: date 3/3/11 time 0920

2. Received by: time
 4. Received by: time
 6. Received by Laboratory: [Signature] time

Special Detection Limits (specify):
 PM review (initial):

8880 Interchange Drive Houston, TX 77054 (713) 660-0901
 500 Ambassador Caffrey Parkway Scott, LA 70583 (337) 237-4775
 459 Hughes Drive Traverse City, MI 49686 (231) 947-5777

APPENDIX E

Groundwater Laboratory Analytical Report



SPL ENVIRONMENTAL
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:
11030106

Report To: Tetra Tech, Inc. Kelly Blanchard 6121 Indian School Road, N.E. Suite 200 Albuquerque NM 87110 ph: (505) 237-8440 fax: (505) 881-3283	Project Name: Martin 34 No.2 Site: Bloomfield, NM Site Address: PO Number: State: New Mexico State Cert. No.: Date Reported: 3/15/2011
---	---

This Report Contains A Total Of 16 Pages

Excluding This Page, Chain Of Custody

And

Any Attachments

3/15/2011

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

Version 2.1 - Modified February 11, 2011



SPL ENVIRONMENTAL
 8880 INTERCHANGE DRIVE
 HOUSTON, TX 77054
 (713) 660-0901

Case Narrative for:
Conoco Phillips

Certificate of Analysis Number:
11030106

<p>Report To:</p> <p>Tetra Tech, Inc. Kelly Blanchard 6121 Indian School Road, N.E. Suite 200 Albuquerque NM 87110 ph: (505) 237-8440 fax: (505) 881-3283</p>	<p>Project Name: Martin 34 No.2</p> <p>Site: Bloomfield, NM</p> <p>Site Address:</p> <p>PO Number:</p> <p>State: New Mexico</p> <p>State Cert. No.:</p> <p>Date Reported: 3/15/2011</p>
--	--

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II: ANALYSES AND EXCEPTIONS:

SW8260B Volatile Organics:

The pH of sample ID's "B-2", "B-3", and "DUP" (Laboratory ID's: 11030106-01, -02, and -03) was checked at the time of the Volatile Organics analysis and the pH was greater than 2. Although the samples were collected in VOA vials preserved with HCl, the samples were not properly preserved to a pH less than 2, which may be due to the matrix of the samples. The analyses of the samples were completed within seven days of the collection date.

SW8015B Diesel Range Organics:

Due to limited sample volume, a Matrix Spike (MS) or Matrix Spike Duplicate (MSD) was not extracted for Batch ID: 105353. A Laboratory Control Sample (LCS) and a Laboratory Control Sample Duplicate (LCSD) were extracted with the analytical batch and serve as the batch quality control (QC). The LCS and LCSD recovered acceptably and precision criteria were met.

III. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report (" mg/kg-dry " or " ug/kg-dry ").

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

Some of the percent recoveries and RPD's on the QC report for the MS/MSD may be different than the calculated recoveries and RPD's using the sample result and the MS/MSD results that appear on the report because, the actual raw result is used to perform the calculations for percent recovery and RPD.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

11030106 Page 1
 3/15/2011

Erica Cardenas
 Project Manager

Test results meet all requirements of NELAC, unless specified in the narrative.

Date



SPL ENVIRONMENTAL
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Case Narrative for:
Conoco Phillips

Certificate of Analysis Number:
11030106

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or by his designee, as verified by the following signature.

A handwritten signature in black ink that reads "Erica Cardenas".

11030106 Page 2

3/15/2011

Erica Cardenas
Project Manager

Test results meet all requirements of NELAC, unless specified in the narrative.

Date



SPL ENVIRONMENTAL
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

11030106

Report To: Tetra Tech, Inc.
Kelly Blanchard
6121 Indian School Road, N.E.
Suite 200
Albuquerque
NM
87110-
ph: (505) 237-8440 fax: (505) 881-3283

Project Name: Martin 34 No.2
Site: Bloomfield, NM
Site Address:
PO Number:
State: New Mexico
State Cert. No.:
Date Reported: 3/15/2011

Fax To:

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
B-2	11030106-01	Water	03/02/2011 8:00	3/3/2011 9:20:00 AM	306321	<input type="checkbox"/>
B-3	11030106-02	Water	03/02/2011 11:30	3/3/2011 9:20:00 AM	306321	<input type="checkbox"/>
DUP	11030106-03	Water	03/02/2011 12:00	3/3/2011 9:20:00 AM	306321	<input type="checkbox"/>

Erica Cardenas
Project Manager

3/15/2011

Date

Kesavalu M. Bagawandoss Ph.D., J.D.
Laboratory Director

Ted Yen
Quality Assurance Officer

Client Sample ID: B-3

Collected: 03/02/2011 11:30 SPL Sample ID: 11030106-02

Site: Bloomfield, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				MCL	SW8015B	Units: mg/L	
Diesel Range Organics (C10-C28)	5.9		0.5	5	03/08/11 20:54	NW	5740786
Surr: n-Pentacosane	91.6		% 20-150	5	03/08/11 20:54	NW	5740786

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	03/07/2011 12:10	A_G	1.00

GASOLINE RANGE ORGANICS				MCL	SW8015B	Units: mg/L	
Gasoline Range Organics	3.1		0.5	5	03/07/11 15:51	NMa	5738801
Surr: 1,4-Difluorobenzene	100		% 60-155	5	03/07/11 15:51	NMa	5738801
Surr: 4-Bromofluorobenzene	121		% 50-158	5	03/07/11 15:51	NMa	5738801

ION CHROMATOGRAPHY				MCL	E300.0	Units: mg/L	
Chloride	316		25	50	03/05/11 15:05	ESK	5737876

VOLATILE ORGANICS BY METHOD 8260B				MCL	SW8260B	Units: ug/L	
Benzene	160		1	1	03/08/11 0:20	LU_L	5739158
Ethylbenzene	110		1	1	03/08/11 0:20	LU_L	5739158
Toluene	ND		1	1	03/08/11 0:20	LU_L	5739158
m,p-Xylene	250		2	1	03/08/11 0:20	LU_L	5739158
o-Xylene	ND		1	1	03/08/11 0:20	LU_L	5739158
Xylenes, Total	250		1	1	03/08/11 0:20	LU_L	5739158
Surr: 1,2-Dichloroethane-d4	100		% 70-130	1	03/08/11 0:20	LU_L	5739158
Surr: 4-Bromofluorobenzene	99.9		% 74-125	1	03/08/11 0:20	LU_L	5739158
Surr: Toluene-d8	101		% 82-118	1	03/08/11 0:20	LU_L	5739158

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference



SPL ENVIRONMENTAL
 8880 INTERCHANGE DRIVE
 HOUSTON, TX 77054
 (713) 660-0901

Client Sample ID: DUP

Collected: 03/02/2011 12:00 SPL Sample ID: 11030106-03

Site: Bloomfield, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B				MCL	SW8260B	Units: ug/L	
Benzene	160		1	1	03/08/11 0:49	LU_L	5739159
Ethylbenzene	110		1	1	03/08/11 0:49	LU_L	5739159
Toluene	ND		1	1	03/08/11 0:49	LU_L	5739159
m,p-Xylene	250		2	1	03/08/11 0:49	LU_L	5739159
o-Xylene	ND		1	1	03/08/11 0:49	LU_L	5739159
Xylenes, Total	250		1	1	03/08/11 0:49	LU_L	5739159
Surr: 1,2-Dichloroethane-d4	96.6		% 70-130	1	03/08/11 0:49	LU_L	5739159
Surr: 4-Bromofluorobenzene	102		% 74-125	1	03/08/11 0:49	LU_L	5739159
Surr: Toluene-d8	102		% 82-118	1	03/08/11 0:49	LU_L	5739159

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 * - Surrogate Recovery Outside Advisable QC Limits
 J - Estimated value between MDL and PQL
 E - Estimated Value exceeds calibration curve
 TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)
 D - Surrogate Recovery Unreportable due to Dilution
 MI - Matrix Interference

Quality Control Documentation



SPL ENVIRONMENTAL
 8880 INTERCHANGE DRIVE
 HOUSTON, TX 77054
 (713) 660-0901

Quality Control Report

Conoco Phillips

Martin 34 No.2

Analysis: Diesel Range Organics
 Method: SW8015B

WorkOrder: 11030106
 Lab Batch ID: 105353

Method Blank

Samples in Analytical Batch:

RunID: HP_V_110307A-5740778 Units: mg/L
 Analysis Date: 03/07/2011 19:48 Analyst: NW
 Preparation Date: 03/07/2011 12:10 Prep By: A_G Method: SW3510C

Lab Sample ID	Client Sample ID
11030106-01C	B-2
11030106-02C	B-3

Analyte	Result	Rep Limit
Diesel Range Organics (C10-C28)	ND	0.10
Surr: n-Pentacosane	101.8	20-150

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: HP_V_110307A-5740779 Units: mg/L
 Analysis Date: 03/07/2011 20:08 Analyst: NW
 Preparation Date: 03/07/2011 12:10 Prep By: A_G Method: SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Diesel Range Organics (C10-C28)	1.00	0.922	92.2	1.00	0.864	86.4	6.6	39	21	130
Surr: n-Pentacosane	0.0500	0.0433	86.6	0.0500	0.0436	87.2	0.7	30	20	150

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 J - Estimated Value Between MDL And PQL
 E - Estimated Value exceeds calibration curve
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
 TNTC - Too numerous to count

MI - Matrix Interference
 D - Recovery Unreportable due to Dilution
 * - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.



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Quality Control Report

Conoco Phillips

Martin 34 No.2

Analysis: Gasoline Range Organics
 Method: SW8015B

WorkOrder: 11030106
 Lab Batch ID: R316715

Method Blank

RunID: HP_U_110307A-5738796 Units: mg/L
 Analysis Date: 03/07/2011 10:06 Analyst: NMa

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
11030106-01B	B-2
11030106-02B	B-3

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.10
Surr: 1,4-Difluorobenzene	97.3	60-155
Surr: 4-Bromofluorobenzene	102.7	50-158

Laboratory Control Sample (LCS)

RunID: HP_U_110307A-5738797 Units: mg/L
 Analysis Date: 03/07/2011 10:36 Analyst: NMa

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Gasoline Range Organics	1.00	0.984	98.4	42	136
Surr: 1,4-Difluorobenzene	0.100	0.101	101	60	155
Surr: 4-Bromofluorobenzene	0.100	0.108	108	50	158

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 11030153-03
 RunID: HP_U_110307A-5738804 Units: mg/L
 Analysis Date: 03/07/2011 17:25 Analyst: NMa

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Gasoline Range Organics	ND	1	0.927	92.7	1	0.944	94.4	1.82	36	22	174
Surr: 1,4-Difluorobenzene	ND	0.1	0.0987	98.7	0.1	0.102	102	3.58	30	60	155
Surr: 4-Bromofluorobenzene	ND	0.1	0.106	106	0.1	0.109	109	2.97	30	50	158

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 J - Estimated Value Between MDL And PQL
 E - Estimated Value exceeds calibration curve
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
 TNTC - Too numerous to count
 MI - Matrix Interference
 D - Recovery Unreportable due to Dilution
 * - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.



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Quality Control Report

Conoco Phillips

Martin 34 No.2

Analysis: Volatile Organics by Method 8260B
 Method: SW8260B

WorkOrder: 11030106
 Lab Batch ID: R316740

Method Blank

Samples in Analytical Batch:

RunID: K_110307D-5739154 Units: ug/L
 Analysis Date: 03/07/2011 15:31 Analyst: LU_L

Lab Sample ID	Client Sample ID
11030106-01A	B-2
11030106-02A	B-3
11030106-03A	DUP

Analyte	Result	Rep Limit
Benzene	ND	1.0
Ethylbenzene	ND	1.0
Toluene	ND	1.0
m,p-Xylene	ND	2.0
o-Xylene	ND	1.0
Xylenes, Total	ND	1.0
Surr: 1,2-Dichloroethane-d4	97.4	70-130
Surr: 4-Bromofluorobenzene	99.3	74-125
Surr: Toluene-d8	101.3	82-118

Laboratory Control Sample (LCS)

RunID: K_110307D-5739153 Units: ug/L
 Analysis Date: 03/07/2011 15:06 Analyst: LU_L

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20.0	21.8	109	74	123
Ethylbenzene	20.0	20.4	102	72	127
Toluene	20.0	21.3	107	74	126
m,p-Xylene	40.0	40.6	102	71	129
o-Xylene	20.0	20.7	103	74	130
Xylenes, Total	60.0	61.3	102	71	130
Surr: 1,2-Dichloroethane-d4	50.0	47.1	94.2	70	130
Surr: 4-Bromofluorobenzene	50.0	49.6	99.2	74	125
Surr: Toluene-d8	50.0	51	102	82	118

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 J - Estimated Value Between MDL And PQL
 E - Estimated Value exceeds calibration curve
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
 TNTC - Too numerous to count

MI - Matrix Interference
 D - Recovery Unreportable due to Dilution
 * - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

Quality Control Report

Conoco Phillips

Martin 34 No.2

Analysis: Volatile Organics by Method 8260B
Method: SW8260B

WorkOrder: 11030106
Lab Batch ID: R316740

Sample Spiked: 11030146-22
RunID: K_110307D-5739156 Units: ug/L
Analysis Date: 03/07/2011 18:37 Analyst: LU_L

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	21.0	105	20	21.3	106	1.24	22	70	124
Ethylbenzene	ND	20	19.2	95.9	20	18.9	94.7	1.27	20	76	122
Toluene	ND	20	19.6	97.8	20	19.5	97.6	0.271	24	80	117
m,p-Xylene	ND	40	37.8	94.4	40	37.8	94.5	0.106	20	69	127
o-Xylene	ND	20	19.2	95.9	20	19.2	96.1	0.307	20	84	114
Xylenes, Total	ND	60	57	95	60	57	95	0.17	20	69	127
Surr: 1,2-Dichloroethane-d4	ND	50	47.4	94.8	50	49.8	99.5	4.88	30	70	130
Surr: 4-Bromofluorobenzene	ND	50	50.1	100	50	48.8	97.6	2.68	30	74	125
Surr: Toluene-d8	ND	50	50.7	101	50	49.4	98.7	2.59	30	82	118

Qualifiers: ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
J - Estimated Value Between MDL And PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

11030106 Page 11

3/15/2011 9:14:51 AM

Quality Control Report

Conoco Phillips

Martin 34 No.2

Analysis: Volatile Organics by Method 8260B
Method: SW8260B

WorkOrder: 11030106
Lab Batch ID: R316795

Method Blank

Samples in Analytical Batch:

RunID: K_110308C-5739956 Units: ug/L
Analysis Date: 03/08/2011 11:36 Analyst: LU_L

Lab Sample ID Client Sample ID
11030106-01A B-2

Analyte	Result	Rep Limit
Benzene	ND	1.0
Surr: 1,2-Dichloroethane-d4	94.9	70-130
Surr: 4-Bromofluorobenzene	98.6	74-125
Surr: Toluene-d8	101.1	82-118

Laboratory Control Sample (LCS)

RunID: K_110308C-5739955 Units: ug/L
Analysis Date: 03/08/2011 11:10 Analyst: LU_L

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20.0	20.7	103	74	123
Surr: 1,2-Dichloroethane-d4	50.0	47.9	95.8	70	130
Surr: 4-Bromofluorobenzene	50.0	49	97.9	74	125
Surr: Toluene-d8	50.0	50.1	100	82	118

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 11030106-01
RunID: K_110308C-5739958 Units: ug/L
Analysis Date: 03/08/2011 13:21 Analyst: LU_L

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	920	200	1040	N/C	200	1050	N/C	N/C	22	70	124
Surr: 1,2-Dichloroethane-d4	ND	500	474	94.8	500	467	93.4	1.48	30	70	130

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
B - Analyte Detected In The Associated Method Blank D - Recovery Unreportable due to Dilution
J - Estimated Value Between MDL And PQL * - Recovery Outside Advisable QC Limits
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.



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 (713) 660-0901

Quality Control Report

Conoco Phillips

Martin 34 No.2

Analysis: Volatile Organics by Method 8260B
 Method: SW8260B

WorkOrder: 11030106
 Lab Batch ID: R316795

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 11030106-01
 RunID: K_110308C-5739958 Units: ug/L
 Analysis Date: 03/08/2011 13:21 Analyst: LU_L

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Surr: 4-Bromofluorobenzene	ND	500	513	103	500	509	102	0.731	30	74	125
Surr: Toluene-d8	ND	500	507	101	500	498	99.5	1.90	30	82	118

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected In The Associated Method Blank
 J - Estimated Value Between MDL And PQL
 E - Estimated Value exceeds calibration curve
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
 TNTC - Too numerous to count

MI - Matrix Interference
 D - Recovery Unreportable due to Dilution
 * - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.



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Quality Control Report

Conoco Phillips
 Martin 34 No.2

Analysis: Ion Chromatography
 Method: E300.0

WorkOrder: 11030106
 Lab Batch ID: R316644A

Method Blank

Samples in Analytical Batch:

RunID: IC2_110305B-5737863 Units: mg/L
 Analysis Date: 03/05/2011 11:24 Analyst: ESK

Lab Sample ID	Client Sample ID
11030106-01D	B-2
11030106-02D	B-3

Analyte	Result	Rep Limit
Chloride	ND	0.50

Laboratory Control Sample (LCS)

RunID: IC2_110305B-5737864 Units: mg/L
 Analysis Date: 03/05/2011 11:41 Analyst: ESK

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	10.00	9.416	94.16	90	110

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 11030106-01
 RunID: IC2_110305B-5737874 Units: mg/L
 Analysis Date: 03/05/2011 14:31 Analyst: ESK

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	351.8	250	619.4	107.0	250	609.7	103.2	1.577	15	80	120

Qualifiers: ND/U - Not Detected at the Reporting Limit
 B - Analyte Detected in The Associated Method Blank
 J - Estimated Value Between MDL And PQL
 E - Estimated Value exceeds calibration curve
 N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
 TNTC - Too numerous to count

MI - Matrix Interference
 D - Recovery Unreportable due to Dilution
 * - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

*Sample Receipt Checklist
And
Chain of Custody*



SPL ENVIRONMENTAL
 8880 INTERCHANGE DRIVE
 HOUSTON, TX 77054
 (713) 660-0901

Sample Receipt Checklist

Workorder:	11030106	Received By:	NB
Date and Time Received:	3/3/2011 9:20:00 AM	Carrier name:	Fedex-Standard Overnight
Temperature:	3.0/3.0°C	Chilled by:	Water Ice

1. Shipping container/cooler in good condition? Yes No Not Present
2. Custody seals intact on shipping container/cooler? Yes No Not Present
3. Custody seals intact on sample bottles? Yes No Not Present
4. Chain of custody present? Yes No
5. Chain of custody signed when relinquished and received? Yes No
6. Chain of custody agrees with sample labels? Yes No
7. Samples in proper container/bottle? Yes No
8. Sample containers intact? Yes No
9. Sufficient sample volume for indicated test? Yes No
10. All samples received within holding time? Yes No
11. Container/Temp Blank temperature in compliance? Yes No
12. Water - VOA vials have zero headspace? Yes No VOA Vials Not Present
13. Water - Preservation checked upon receipt (except VOA*)? Yes No Not Applicable

*VOA Preservation Checked After Sample Analysis

SPL Representative:

Contact Date & Time:

Client Name Contacted:

Non Conformance Issues:

Client Instructions:

APPENDIX F

EDR Radius Map™ Report with Geocode®

Martin 34 No. 2

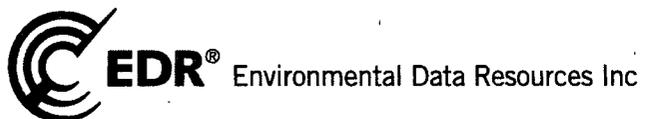
Utah/Provo

Bloomfield, NM 87413

Inquiry Number: 3023357.1s

March 25, 2011

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

UTAH/PROVO
BLOOMFIELD, NM 87413

COORDINATES

Latitude (North): 36.763900 - 36° 45' 50.0"
Longitude (West): 107.975600 - 107° 58' 32.2"
Universal Transverse Mercator: Zone 13
UTM X (Meters): 234385.9
UTM Y (Meters): 4072609.2
Elevation: 5771 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 36107-G8 AZTEC, NM
Most Recent Revision: 1985

South Map: 36107-F8 BLOOMFIELD, NM
Most Recent Revision: 1985

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

EXECUTIVE SUMMARY

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal
NPL list.
SCS..... State Cleanup Sites Listing

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Facilities

State and tribal leaking storage tank lists

LUST..... Leaking Underground Storage Tank Prioritization Database
LAST..... Leaking Aboveground Storage Tank Sites
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST..... Listing of Underground Storage Tanks
AST..... Aboveground Storage Tanks List
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

INST CONTROL..... Sites with Institutional Controls

EXECUTIVE SUMMARY

State and tribal voluntary cleanup sites

VCP..... Voluntary Remediation Program Sites
INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
SWRCY..... Recycling Facility Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
CDL..... Clandestine Drug Laboratory Listing
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Spill Data

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System

EXECUTIVE SUMMARY

RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
DRYCLEANERS.....	Drycleaner Facility Listing
NPDES.....	List of Discharge Permits
ASBESTOS.....	List of Asbestos Demolition and Renovations Jobs
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
COAL ASH DOE.....	Sleam-Electric Plan Operation Data

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 02/17/2010 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

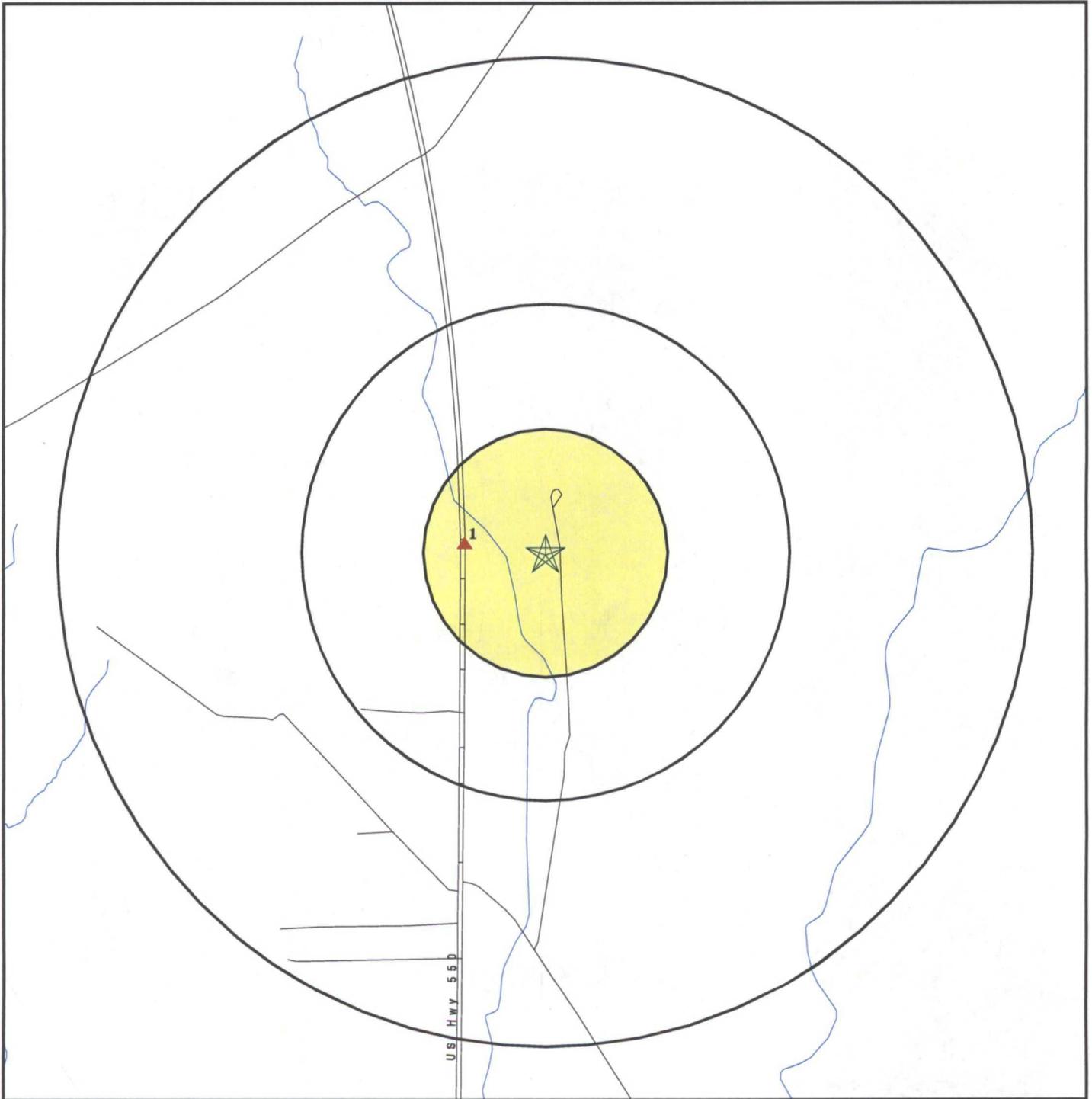
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>DOUBLE TANK INC</i>	<i>303 NORTH HWY 544</i>	<i>W 1/8 - 1/4 (0.167 mi.)</i>	<i>1</i>	<i>7</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

<u>Site Name</u>	<u>Database(s)</u>
BALLARD PLANT	CERCLIS,FINDS
EL PASO NATURAL GAS - BLANCO PLANT	CERCLIS-NFRAP,RCRA-CESQG,FINDS
CEDAR HILLS CITY OF LANDFILL	CERCLIS-NFRAP
EPNG AZTEC	FINDS,RCRA-NLR
WEST KUTZ COMPRESSOR SITE	FINDS,RCRA-NLR
MERCURY RECOVERY SERVICES	FINDS,RCRA-NLR
EL PASO NATURAL GAS CS-1 SITE	FINDS,RCRA-NLR
WGP - BLANCO AZTEC LA PLATA	FINDS,RCRA-CESQG
NONE/NO SHEEN REPORTED/NO OIL ON W	ERNS
PRITCHARD FED #2	FINDS
MIDDLE MESA 2 REINJECTION FACILITY	FINDS
MUSTANG NO - 7197	FINDS
ARCO OIL & GAS/BLANCO #2 CDG WELL	FINDS
ARCO OIL & GAS/JACQUEZ #2 COMP STA	FINDS
HUT NO 1-8 COMPRESSOR STATION	FINDS
VASTAR RESOURCES BLANCO 2	FINDS
CONOCO/DECKER PRIMO NO.1	FINDS
EXTERRAN ENERGY - ROSA NO 256 COMP	FINDS
HUERFANO TRADING POST	INDIAN UST R4
IHS DZILTH-NA-O-DITH	INDIAN UST R4

OVERVIEW MAP - 3023357.1s



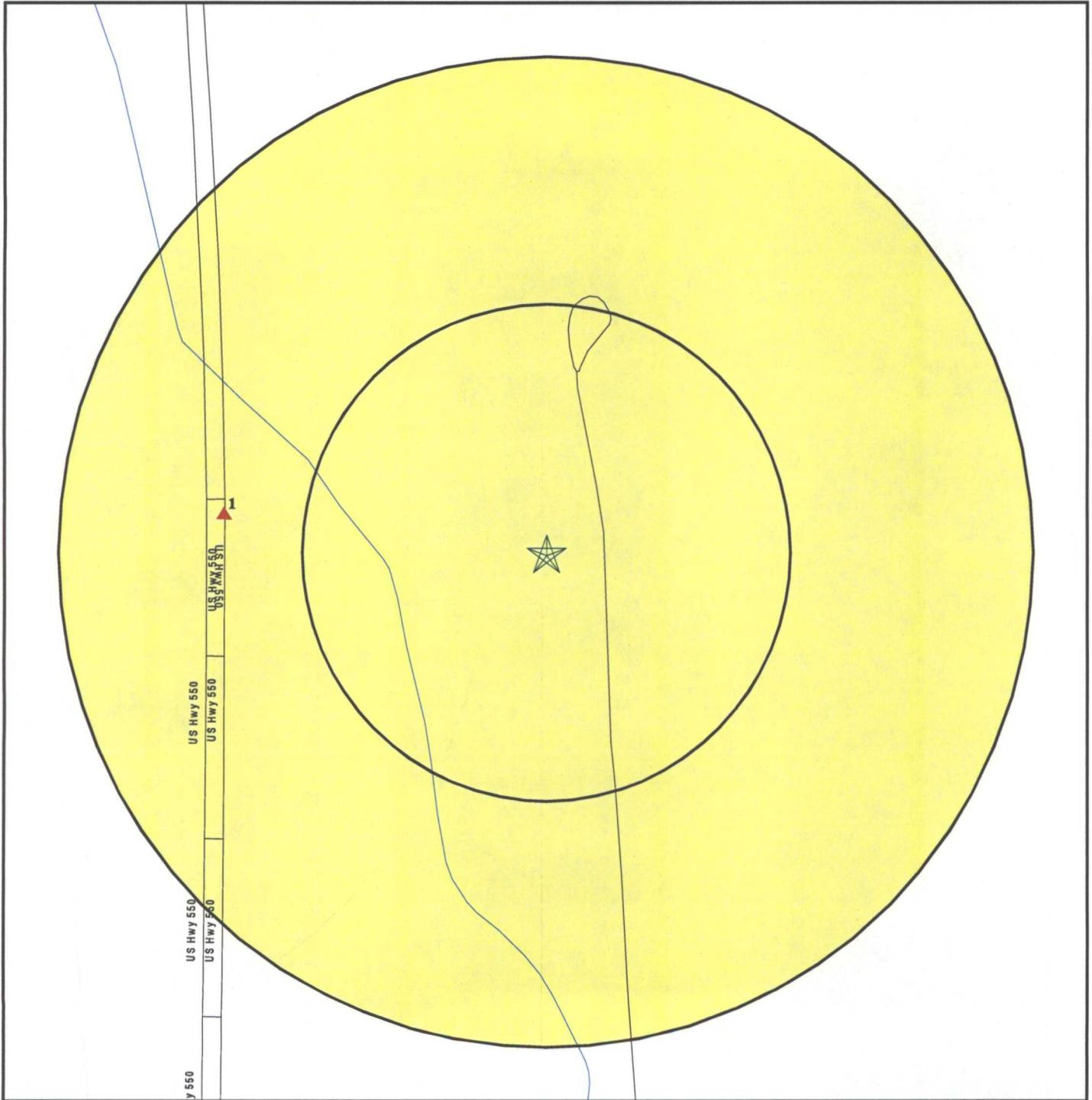
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ☒ National Priority List Sites
- ☒ Dept. Defense Sites

- ☒ Indian Reservations BIA
- ▲ Oil & Gas pipelines

SITE NAME: Martin 34 No. 2
 ADDRESS: Utah/Provo
 Bloomfield NM 87413
 LAT/LONG: 36.7639 / 107.9756

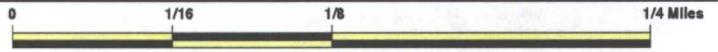
CLIENT: Tetra Tech, Inc.
 CONTACT: Cassie Brown
 INQUIRY #: 3023357.1s
 DATE: March 25, 2011 11:47 am

DETAIL MAP - 3023357.1s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ⚡ Sensitive Receptors
- ☒ National Priority List Sites
- ☒ Dept. Defense Sites

- ☐ Indian Reservations BIA
- ⚡ Oil & Gas pipelines



SITE NAME: Martin 34 No. 2
 ADDRESS: Utah/Provo
 Bloomfield NM 87413
 LAT/LONG: 36.7639 / 107.9756

CLIENT: Tetra Tech, Inc.
 CONTACT: Cassie Brown
 INQUIRY #: 3023357.1s
 DATE: March 25, 2011 11:47 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	1	NR	NR	NR	1
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS		N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCS		1.000	0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST		0.500	0	0	0	NR	NR	0
LAST		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
ASBESTOS		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants		1.000	0	0	0	0	NR	0
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

1
West
1/8-1/4
0.167 mi.
879 ft.

DOUBLE TANK INC
303 NORTH HWY 544
BLOOMFIELD, NM 87413

RCRA-SQG 1001079534
FINDS NMR000000539

Relative:
Higher

Actual:
5784 ft.

RCRA-SQG:

Date form received by agency: 12/04/1995
 Facility name: DOUBLE TANK INC
 Facility address: 303 NORTH HWY 544
 BLOOMFIELD, NM 87413
 EPA ID: NMR000000539
 Mailing address: PO BOX 2646
 BLOOMFIELD, NM 87413
 Contact: WILBER LOVARO
 Contact address: PO BOX 2646
 BLOOMFIELD, NM 87413
 Contact country: US
 Contact telephone: (505) 632-0511
 Contact email: Not reported
 EPA Region: 06
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: WILBER LOVARO
 Owner/operator address: PO BOX 2646
 BLOOMFIELD, NM 87413
 Owner/operator country: Not reported
 Owner/operator telephone: (505) 632-0511
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): Unknown
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 Used oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No
 Off-site waste receiver: Verified to be non-commercial

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOUBLE TANK INC (Continued)

1001079534

Hazardous Waste Summary:

Waste code: F003

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110006091424

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BLOOMFIELD	1000911701	EL PASO NATURAL GAS CS-1 SITE	975M W OF HWY 44 CNTY RD 7100	87413	FINDS,RCRA-NLR
CEDAR HILL	1003873600	CEDAR HILLS CITY OF LANDFILL	OFF HWY 50 N OF AZTEC	87410	CERCLIS-NFRAP
BLOOMFIELD	1003875483	EL PASO NATURAL GAS - BLANCO PLANT	E US 64 1 MI FROM US64 & NM44	87413	CERCLIS-NFRAP,RCRA-CESQG,FINI
AZTEC	1004563909	ARCO OIL & GAS/BLANCO #2 CDG WELL	17 MI NE OF AZTEC	87410	FINDS
AZTEC	1004563975	ARCO OIL & GAS/JACQUEZ #2 COMP STA	15 MI NW OF AZTEC	87410	FINDS
CEDAR HILL	1004563981	CONOCO/DECKER PRIMO NO.1	5 KM NNE OF CEDAR HILL	87410	FINDS
AZTEC	1004565334	PRITCHARD FED #2	16 MI E OF AZTEC	87410	FINDS
BLOOMFIELD	1004753987	MERCURY RECOVERY SERVICES	9.75M W HWY 44 CNTY RD 7100	87413	FINDS,RCRA-NLR
AZTEC	1004754126	WGP - BLANCO AZTEC LA PLATA	1 MN OF AZTEC HWY 173	87410	FINDS,RCRA-CESQG
BLOOMFIELD	1004754134	WEST KUTZ COMPRESSOR SITE	HWY 44 MILEPOST 12 T27N R11W	87413	FINDS,RCRA-NLR
AZTEC	1005417129	EPNG AZTEC	AZTEC RD HWY 500	87410	FINDS,RCRA-NLR
CEDAR HILL	1005594429	VASTAR RESOURCES BLANCO 2	12 MI E OF CEDAR HILL	87410	FINDS
BLOOMFIELD	1006812570	BALLARD PLANT	HWY 550		CERCLIS,FINDS
AZTEC	1006835238	MIDDLE MESA 2 REINJECTION FACILITY	40 MI E OF AZTEC	87410	FINDS
HUERFANO	1009393523	IHS DZILITH-NA-O-DITH	HWY 550	87413	INDIAN UST R4
AZTEC	1009421015	MUSTANG NO - 7197	321 MAIN AVE	87410	FINDS
BLOOMFIELD	1009421130	HUT NO 1-8 COMPRESSOR STATION	3.4 KM NW OF BLOOMFIELD	87413	FINDS
GOVERNADOR	1009421691	EXTERRAN ENERGY - ROSA NO 256 COMP	16.1 KM NNW OF GOVERNADOR	87413	FINDS
HUERFANO	1014206681	HUERFANO TRADING POST	28 MILES SOUTH OF BLOOMFIELD,	87413	INDIAN UST R4
AZTEC	96491892	NONE/NO SHEEN REPORTED/NO OIL ON W	NONE/NO SHEEN REPORTED/NO OIL	87410	ERNS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/31/2010	Source: EPA
Date Data Arrived at EDR: 01/13/2011	Telephone: N/A
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 01/13/2011
Number of Days to Update: 15	Next Scheduled EDR Contact: 04/25/2011
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/31/2010	Source: EPA
Date Data Arrived at EDR: 01/13/2011	Telephone: N/A
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 01/13/2011
Number of Days to Update: 15	Next Scheduled EDR Contact: 04/25/2011
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 02/14/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/30/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/31/2010	Source: EPA
Date Data Arrived at EDR: 01/13/2011	Telephone: N/A
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 01/13/2011
Number of Days to Update: 15	Next Scheduled EDR Contact: 04/25/2011
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/30/2010	Source: EPA
Date Data Arrived at EDR: 12/30/2010	Telephone: 703-412-9810
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 03/01/2011
Number of Days to Update: 57	Next Scheduled EDR Contact: 06/13/2011
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA's Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 01/11/2011
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/25/2011
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/28/2010	Source: EPA
Date Data Arrived at EDR: 12/01/2010	Telephone: 703-412-9810
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 03/01/2011
Number of Days to Update: 86	Next Scheduled EDR Contact: 06/13/2011
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/25/2010
Date Data Arrived at EDR: 06/02/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 124

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/14/2011
Next Scheduled EDR Contact: 05/30/2011
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 214-665-6444
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 214-665-6444
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 214-665-6444
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 214-665-6444
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/05/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 03/14/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/27/2011
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/05/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 03/14/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/27/2011
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2010	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/07/2011	Telephone: 202-267-2180
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 01/07/2011
Number of Days to Update: 73	Next Scheduled EDR Contact: 04/18/2011
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites: State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A	Source: Department of the Environment
Date Data Arrived at EDR: N/A	Telephone: 505-827-2918
Date Made Active in Reports: N/A	Last EDR Contact: 01/03/2011
Number of Days to Update: N/A	Next Scheduled EDR Contact: 04/18/2011
	Data Release Frequency: N/A

SCS: State Cleanup Sites Listing

State cleanup sites that fall under the state's Water Quality Control Commission Regulations.

Date of Government Version: 06/26/2009	Source: Environment Department
Date Data Arrived at EDR: 07/21/2009	Telephone: 505-827-2855
Date Made Active in Reports: 08/13/2009	Last EDR Contact: 01/06/2011
Number of Days to Update: 23	Next Scheduled EDR Contact: 04/18/2011
	Data Release Frequency: Varies

State and tribal landfill and/or solid waste disposal site lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWF/LF: Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/16/2010	Source: New Mexico Environment Department
Date Data Arrived at EDR: 08/16/2010	Telephone: 505-827-0347
Date Made Active in Reports: 08/31/2010	Last EDR Contact: 02/14/2011
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/23/2011
	Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Priorization Database

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 08/01/2006	Source: New Mexico Environment Department
Date Data Arrived at EDR: 10/06/2006	Telephone: 505-476-4397
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 03/07/2011
Number of Days to Update: 33	Next Scheduled EDR Contact: 04/25/2011
	Data Release Frequency: Varies

LAST: Leaking Aboveground Storage Tank Sites

A listing of leaking aboveground storage tank sites.

Date of Government Version: 05/01/2006	Source: Environment Department
Date Data Arrived at EDR: 05/01/2006	Telephone: 505-476-4397
Date Made Active in Reports: 06/05/2006	Last EDR Contact: 01/10/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/25/2011
	Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/04/2011	Source: EPA Region 8
Date Data Arrived at EDR: 02/04/2011	Telephone: 303-312-6271
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 01/31/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 05/16/2011
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/04/2009	Source: EPA Region 7
Date Data Arrived at EDR: 05/04/2010	Telephone: 913-551-7003
Date Made Active in Reports: 07/07/2010	Last EDR Contact: 05/04/2010
Number of Days to Update: 64	Next Scheduled EDR Contact: 05/16/2011
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 02/03/2011	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2011	Telephone: 214-665-6597
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 01/31/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 05/16/2011
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/01/2010	Source: EPA Region 1
Date Data Arrived at EDR: 11/05/2010	Telephone: 617-918-1313
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 02/03/2011
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/16/2011
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/03/2011	Source: EPA Region 10
Date Data Arrived at EDR: 02/04/2011	Telephone: 206-553-2857
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 01/31/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 05/16/2011
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/31/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/01/2011	Telephone: 415-972-3372
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 01/31/2011
Number of Days to Update: 48	Next Scheduled EDR Contact: 05/16/2011
	Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/27/2010	Source: EPA Region 4
Date Data Arrived at EDR: 08/30/2010	Telephone: 404-562-8677
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 02/16/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/16/2011
	Data Release Frequency: Semi-Annually

State and tribal registered storage tank lists

UST: Listing of Underground Storage Tanks

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 08/01/2006	Source: New Mexico Environment Department
Date Data Arrived at EDR: 09/27/2006	Telephone: 505-476-4397
Date Made Active in Reports: 10/23/2006	Last EDR Contact: 03/08/2011
Number of Days to Update: 26	Next Scheduled EDR Contact: 06/20/2011
	Data Release Frequency: Varies

AST: Aboveground Storage Tanks List

Aboveground tanks that have been inspected by the State Fire Marshal.

Date of Government Version: 08/01/2006	Source: Environment Department
Date Data Arrived at EDR: 09/27/2006	Telephone: 505-476-4397
Date Made Active in Reports: 10/20/2006	Last EDR Contact: 03/08/2011
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/20/2011
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/03/2011
Date Data Arrived at EDR: 02/04/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 45

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 09/01/2010
Date Data Arrived at EDR: 11/05/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/03/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 12/02/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 57

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/03/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/27/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 02/16/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 01/31/2011
Date Data Arrived at EDR: 02/01/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 48

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/04/2011
Date Data Arrived at EDR: 02/04/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 45

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 02/03/2011
Date Data Arrived at EDR: 02/04/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 45

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/17/2011
Next Scheduled EDR Contact: 05/02/2011
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Sites with Institutional Controls

Sites included in the Voluntary Cleanup listing that have Institutional Controls in place.

Date of Government Version: 06/30/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/14/2010
Number of Days to Update: 45

Source: Environment Department
Telephone: 505-827-2754
Last EDR Contact: 01/28/2011
Next Scheduled EDR Contact: 05/09/2011
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Remediation Program Sites

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 06/30/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/14/2010
Number of Days to Update: 45

Source: Environment Department
Telephone: 505-827-2754
Last EDR Contact: 01/28/2011
Next Scheduled EDR Contact: 05/09/2011
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/01/2010
Date Data Arrived at EDR: 01/05/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/05/2010
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 12/29/2010
Date Data Arrived at EDR: 12/30/2010
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/30/2010
Next Scheduled EDR Contact: 04/11/2011
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 12/22/2010
Next Scheduled EDR Contact: 04/11/2011
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycling Facility Listing

A listing of recycling facility locations.

Date of Government Version: 07/28/2010
Date Data Arrived at EDR: 08/16/2010
Date Made Active in Reports: 08/31/2010
Number of Days to Update: 15

Source: Environment Department
Telephone: 505-827-0197
Last EDR Contact: 02/14/2011
Next Scheduled EDR Contact: 05/30/2011
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 02/08/2011
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/23/2011
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/03/2010	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/30/2010	Telephone: 202-307-1000
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 03/08/2011
Number of Days to Update: 48	Next Scheduled EDR Contact: 06/20/2011
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Laboratory Listing

A listing of clandestine drug labs, such as illegal methamphetamine labs.

Date of Government Version: 01/25/2011	Source: Environment Department
Date Data Arrived at EDR: 01/26/2011	Telephone: 505-476-6000
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 01/26/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 05/09/2011
	Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/23/2009
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 11/09/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2010	Telephone: 202-564-6023
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 01/31/2011
Number of Days to Update: 92	Next Scheduled EDR Contact: 05/16/2011
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/22/2011
Next Scheduled EDR Contact: 06/06/2011
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 01/05/2011
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 51

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/05/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Annually

SPILLS: Spill Data

Hazardous materials spills data.

Date of Government Version: 01/12/2006
Date Data Arrived at EDR: 01/23/2006
Date Made Active in Reports: 02/27/2006
Number of Days to Update: 35

Source: Environment Department
Telephone: 505-827-0166
Last EDR Contact: 01/03/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Varies

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 214-665-6444
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/13/2010
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/11/2011
Next Scheduled EDR Contact: 05/23/2011
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 01/21/2011
Next Scheduled EDR Contact: 05/02/2011
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/12/2010	Telephone: 202-528-4285
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 03/15/2011
Number of Days to Update: 112	Next Scheduled EDR Contact: 06/27/2011
	Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 10/01/2010	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 10/29/2010	Telephone: Varies
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 01/03/2011
Number of Days to Update: 91	Next Scheduled EDR Contact: 04/18/2011
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/16/2011	Telephone: 703-416-0223
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 03/16/2011
Number of Days to Update: 5	Next Scheduled EDR Contact: 06/27/2011
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/21/2010	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 03/04/2011
Number of Days to Update: 99	Next Scheduled EDR Contact: 06/13/2011
	Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/04/2010	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/09/2010	Telephone: 303-231-5959
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 03/09/2011
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/20/2011
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/17/2010	Telephone: 202-566-0250
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 03/01/2011
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/13/2011
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/29/2010
Next Scheduled EDR Contact: 04/11/2011
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/28/2011
Next Scheduled EDR Contact: 06/13/2011
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/28/2011
Next Scheduled EDR Contact: 06/13/2011
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 01/31/2011
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/16/2011
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/21/2011	Telephone: 202-564-5088
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 12/23/2010
Number of Days to Update: 59	Next Scheduled EDR Contact: 04/11/2011
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 01/21/2011
Number of Days to Update: 98	Next Scheduled EDR Contact: 05/02/2011
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/06/2010	Telephone: 301-415-7169
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 03/14/2011
Number of Days to Update: 51	Next Scheduled EDR Contact: 06/27/2011
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/13/2011	Telephone: 202-343-9775
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 01/13/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/25/2011
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/14/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 41

Source: EPA
Telephone: (214) 665-2200
Last EDR Contact: 03/14/2011
Next Scheduled EDR Contact: 06/27/2011
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/01/2011
Next Scheduled EDR Contact: 06/13/2011
Data Release Frequency: Biennially

DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facility locations. The listing may contain facilities that are no longer there, or under different management.

Date of Government Version: 01/06/2010
Date Data Arrived at EDR: 01/07/2010
Date Made Active in Reports: 02/04/2010
Number of Days to Update: 28

Source: Environment Department
Telephone: 505-222-9507
Last EDR Contact: 01/17/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: No Update Planned

NPDES: List of Discharge Permits

General information regarding NPDES (National Pollutant Discharge Elimination System) permits.

Date of Government Version: 04/13/2010
Date Data Arrived at EDR: 04/28/2010
Date Made Active in Reports: 06/15/2010
Number of Days to Update: 48

Source: Environment Department
Telephone: 505-827-2918
Last EDR Contact: 01/28/2011
Next Scheduled EDR Contact: 05/09/2011
Data Release Frequency: Semi-Annually

ASBESTOS: List of Asbestos Demolition and Renovations Jobs

Asbestos is a common fibrous rock found worldwide which has been used in various products for over 4500 years. It has been used in over 3000 different products such as textiles, paper, ropes, wicks, stoves, filters, floor tiles, roofing shingles, clutch facings, water pipe, cements, fillers, felt, fireproof clothing, gaskets, battery boxes, clapboard, wallboard, fire doors, fire curtains, insulation, brake linings, etc.

Date of Government Version: 04/01/2007
Date Data Arrived at EDR: 05/09/2007
Date Made Active in Reports: 05/30/2007
Number of Days to Update: 21

Source: New Mexico Environment Department
Telephone: 505-827-1494
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/21/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/02/2011
	Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 08/31/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/01/2010	Telephone: 615-532-8599
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 02/22/2011
Number of Days to Update: 92	Next Scheduled EDR Contact: 05/09/2011
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 03/18/2011
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/27/2011
	Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 01/18/2011
Number of Days to Update: 76	Next Scheduled EDR Contact: 05/02/2011
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administered lands of the United States. Lands included are administered by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/21/2011
Number of Days to Update: 339	Next Scheduled EDR Contact: 05/02/2011
	Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2009	Telephone: 202-566-0517
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 02/04/2011
Number of Days to Update: 100	Next Scheduled EDR Contact: 05/16/2011
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 02/09/2011
Date Made Active in Reports: 03/04/2011
Number of Days to Update: 23

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/09/2011
Next Scheduled EDR Contact: 05/23/2011
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/06/2010
Date Made Active in Reports: 07/26/2010
Number of Days to Update: 20

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/21/2011
Next Scheduled EDR Contact: 07/04/2011
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Child Day Care Providers

Source: Office of Child Development

Telephone: 505-827-7946

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MARTIN 34 NO. 2
UTAH/PROVO
BLOOMFIELD, NM 87413

TARGET PROPERTY COORDINATES

Latitude (North):	36.76390 - 36° 45' 50.0"
Longitude (West):	107.9756 - 107° 58' 32.2"
Universal Tranverse Mercator:	Zone 13
UTM X (Meters):	234385.9
UTM Y (Meters):	4072609.2
Elevation:	5771 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	36107-G8 AZTEC, NM
Most Recent Revision:	1985

South Map:	36107-F8 BLOOMFIELD, NM
Most Recent Revision:	1985

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

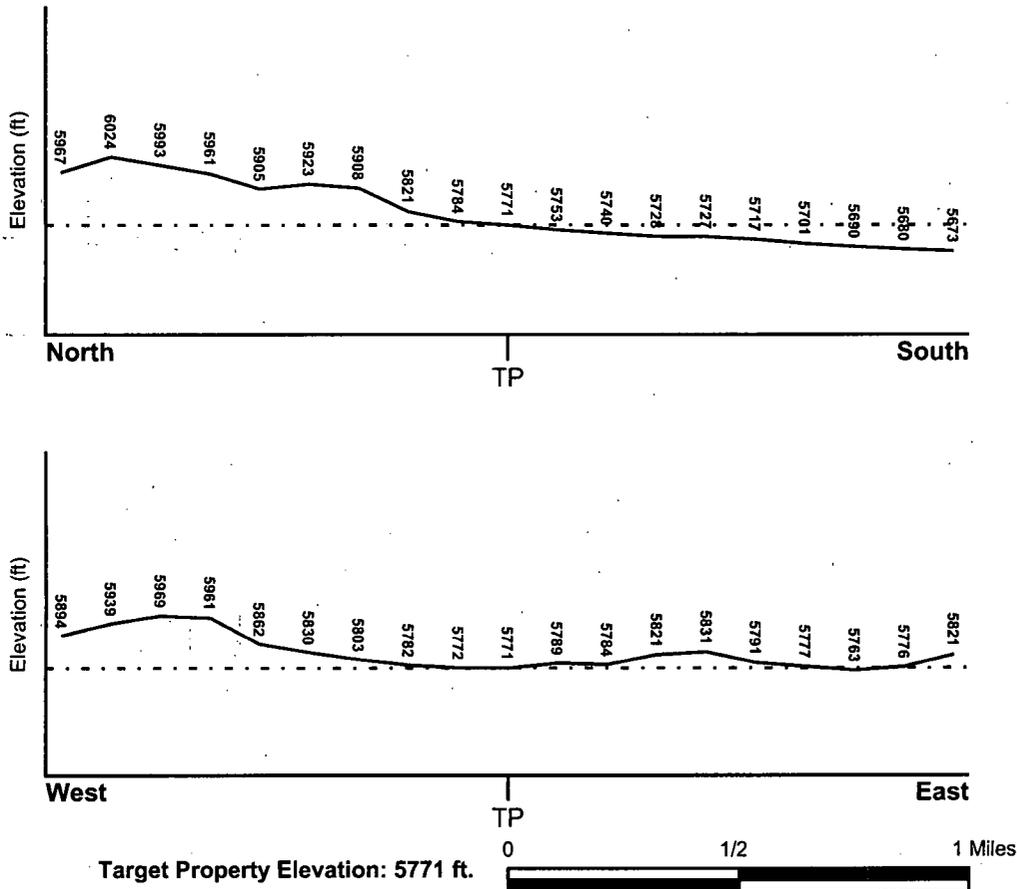
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u>	FEMA Flood <u>Electronic Data</u>
SAN JUAN, NM	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	NWI Electronic <u>Data Coverage</u>
AZTEC	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

Era:	Cenozoic	Category:	Continental Deposits
System:	Tertiary		
Series:	Paleocene		
Code:	Txc (decoded above as Era, System & Series)		

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately-owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	BADLAND
Soil Surface Texture:	unweathered bedrock
Hydrologic Group:	Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class:	Not reported
Hydric Status:	Soil does not meet the requirements for a hydric soil.
Corrosion Potential - Uncoated Steel:	Not Reported
Depth to Bedrock Min:	> 0 inches
Depth to Bedrock Max:	> 3 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	60 inches	unweathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loam
loamy sand
sandy loam
fine sandy loam
silty clay loam
clay loam

Surficial Soil Types: silt loam
loam
loamy sand
sandy loam
fine sandy loam
silty clay loam
clay loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: loam
clay loam
loamy coarse sand
fine sandy loam
silty clay

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	NM3000000139531	1/2 - 1 Mile South
2	NM3000000139430	1/2 - 1 Mile SSW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

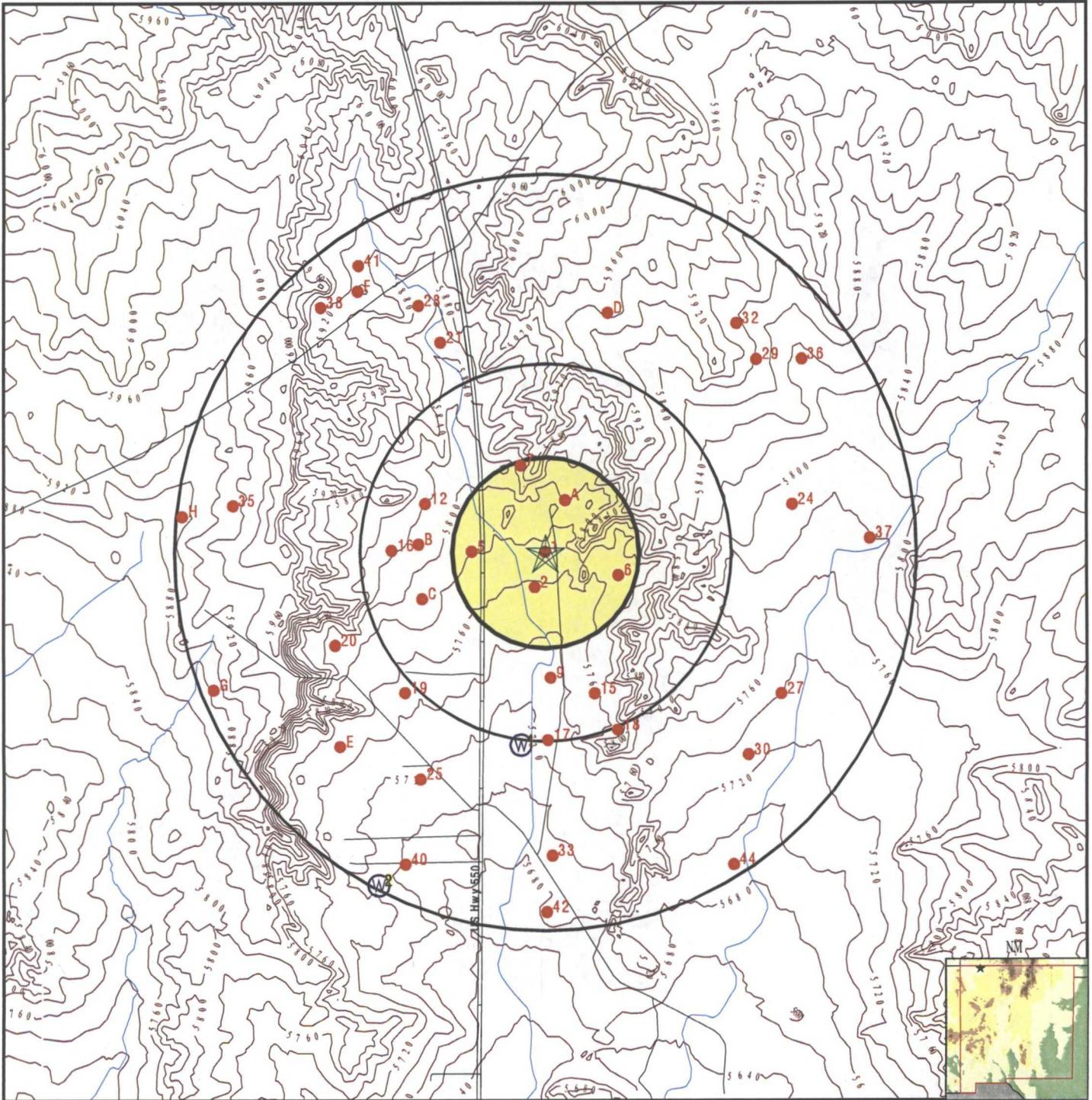
MAP ID	WELL ID	LOCATION FROM TP
1	NMOG40000085433	0 - 1/8 Mile NNW
2	NMOG40000085371	0 - 1/8 Mile SSW
A3	NMOG40000085601	1/8 - 1/4 Mile NNE
A4	NMOG40000085640	1/8 - 1/4 Mile NNE
5	NMOG40000085434	1/8 - 1/4 Mile West
6	NMOG40000085381	1/8 - 1/4 Mile ESE
7	NMOG40000085698	1/8 - 1/4 Mile NNW
B8	NMOG40000085429	1/4 - 1/2 Mile West
9	NMOG40000085259	1/4 - 1/2 Mile South
B10	NMOG40000085469	1/4 - 1/2 Mile West
C11	NMOG40000085363	1/4 - 1/2 Mile WSW
12	NMOG40000085603	1/4 - 1/2 Mile WNW
C13	NMOG40000085364	1/4 - 1/2 Mile WSW
B14	NMOG40000085496	1/4 - 1/2 Mile West
15	NMOG40000085203	1/4 - 1/2 Mile SSE
16	NMOG40000085438	1/4 - 1/2 Mile West
17	NMOG40000085082	1/4 - 1/2 Mile South
18	NMOG40000085115	1/2 - 1 Mile SSE
19	NMOG40000085206	1/2 - 1 Mile SW
20	NMOG40000085329	1/2 - 1 Mile WSW
21	NMOG40000085891	1/2 - 1 Mile NNW
D22	NMOG40000085966	1/2 - 1 Mile NNE
D23	NMOG40000085984	1/2 - 1 Mile NNE
24	NMOG40000085599	1/2 - 1 Mile East
25	NMOG40000085008	1/2 - 1 Mile SSW
E26	NMOG40000085096	1/2 - 1 Mile SW
27	NMOG40000085201	1/2 - 1 Mile ESE
28	NMOG40000086003	1/2 - 1 Mile NNW
29	NMOG40000085833	1/2 - 1 Mile NE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

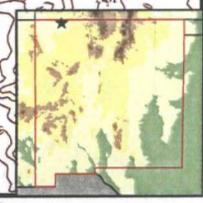
MAP ID	WELL ID	LOCATION FROM TP
30	NMOG40000085046	1/2 - 1 Mile SE
E31	NMOG40000085039	1/2 - 1 Mile SW
32	NMOG40000085935	1/2 - 1 Mile NE
33	NMOG40000084918	1/2 - 1 Mile South
F34 /	NMOG40000086017	1/2 - 1 Mile NW
35	NMOG40000085596	1/2 - 1 Mile West
36	NMOG40000085837	1/2 - 1 Mile NE
37	NMOG40000085491	1/2 - 1 Mile East
38 /	NMOG40000085995	1/2 - 1 Mile NW
F39	NMOG40000086072	1/2 - 1 Mile NW
40 /	NMOG40000084893	1/2 - 1 Mile SSW
41 /	NMOG40000086093	1/2 - 1 Mile NNW
42	NMOG40000084782	1/2 - 1 Mile South
G43 /	NMOG40000085210	1/2 - 1 Mile WSW
44	NMOG40000084891	1/2 - 1 Mile SSE
G45 /	NMOG40000085219	1/2 - 1 Mile WSW
H46	NMOG40000085530	1/2 - 1 Mile West
H47	NMOG40000085595	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 3023357.1s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



<p>SITE NAME: Martin 34 No. 2 ADDRESS: Utah/Provo Bloomfield NM 87413 LAT/LONG: 36.7639 / 107.9756</p>	<p>CLIENT: Tetra Tech, Inc. CONTACT: Cassie Brown INQUIRY #: 3023357.1s DATE: March 25, 2011 11:48 am</p>
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
South
1/2 - 1 Mile
Lower

NM WELLS NM3000000139531

Objectid:	201378		
Pod rec nb:	135539		
Pod basin:	SJ	Pod nbr:	01995
Pod suffix:	Not Reported		
Northing:	4071994		
Easting:	234260		
Grant :	Not Reported	County:	SJ
Tws:	29N	Rng:	11W
Sec:	03	Qtr 4th:	2
Qtr 16th:	3	Qtr 64th:	Not Reported
Start date:	10/29/85	Finish dat:	10/31/85
Plug date:	03/09/88		
Depth well:	0		
Grnd wtr s:	Not Reported		
Depth wate:	0		
Estimate y:	0		
Casing siz:	0		
Subdiv nam:	Not Reported	Blk:	Not Reported
Wrats s id:	0		
Legal desc:	Not Reported		
Pod name:	Not Reported		
Elevation:	0		
Aquifer:	Not Reported		
Lat deg:	0		
Lat min:	0		
Lat sec:	0		
Lon deg:	0		
Lon min:	0		
Lon sec:	0		
Pod status:	Not Reported	Ditch name:	Not Reported
Utm zone:	13	Utm source:	G
Utm accura:	0	Tract nbr:	Not Reported
Map nbr:	Not Reported	Utm error:	Not Reported
Oid :	158822		
Own end da:	12/30/99	Own Iname:	DETTERRERA
Own fname:	RAYMOND	Addr1:	P. O. BOX 88
Addr2:	Not Reported	City:	BLOOMFIELD
State:	NM	Zip:	87413
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Total div:	3		
Site id:	NM3000000139531		

2
SSW
1/2 - 1 Mile
Lower

NM WELLS NM3000000139430

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	201298		
Pod rec nb:	135905		
Pod basin:	SJ	Pod nbr:	01887
Pod suffix:	Not Reported		
Northing:	4071417		
Easting:	233625		
Grant :	Not Reported	County:	SJ
Tws:	29N	Rng:	11W
Sec:	03	Qtr 4th:	3
Qtr 16th:	Not Reported	Qtr 64th:	Not Reported
Start date:	11/26/84	Finish dat:	12/12/84
Plug date:	03/09/88		
Depth well:	0		
Grnd wtr s:	Not Reported		
Depth wate:	0		
Estimate y:	0		
Casing siz:	0		
Subdiv nam:	Not Reported	Blk:	Not Reported
Wrats s id:	0		
Legal desc:	Not Reported		
Pod name:	Not Reported		
Elevation:	0		
Aquifer:	Not Reported		
Lat deg:	0		
Lat min:	0		
Lat sec:	0		
Lon deg:	0		
Lon min:	0		
Lon sec:	0		
Pod status:	Not Reported	Ditch name:	Not Reported
Utm zone:	13	Utm source:	G
Utm accura:	0	Tract nbr:	Not Reported
Map nbr:	Not Reported	Utm error:	Not Reported
Oid :	19633		
Own end da:	12/30/99	Own Iname:	HARGIS
Own fname:	PATRICIA	Addr1:	P. O. BOX 1714
Addr2:	Not Reported	City:	BLOOMFIELD
State:	NM	Zip:	87413
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Total div:	0		
Site id:	NM3000000139430		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
NNW
0 - 1/8 Mile

OIL_GAS NMOG40000085433

Acres:	320	Operator:	CONOCOPHILLIPS COMPANY
Api:	3004508934	Producing :	71599
Plug date:	07/22/1980	Range:	11W
Property:	31583	Section:	34
Sdiv ul:	O	Township:	30.0N
Spud date:	03/21/1961	Water inj :	0
Tvd depth:	6770	Water in 1:	0
Water inj1:	0	Water pr 1:	107
Water prod:	108	Well name:	MARTIN 34 002
Water pr 2:	0		
Well type:	G		
Compl stat:	Active	Days prod :	365
County:	San Juan	Days pro 1:	0
Days prod1:	365	Ew cd:	E
Elevgl:	5760	Ftg ns:	990
Ftg ew:	1850	Gas prod 3:	30365
Gas prod 2:	32818	Land type:	P
Gas prod 4:	0		
Last prod :	2009-12		
Latitude:	36.7639439534	Ns cd:	S
Longitude:	-107.975625566	Ogrid cde:	217817
Nbr compls:	1	Oil prod 3:	11
Ocd ul:	O	One product:	BASIN DAKOTA (PRORATED GAS)
Oil prod 2:	107		
Oil prod 4:	0		
Site id:	NMOG40000085433		

2
SSW
0 - 1/8 Mile

OIL_GAS NMOG40000085371

Acres:	0	Operator:	GOODRUM
Api:	3004508902	Producing :	0
Plug date:	07/22/1980	Range:	11W
Property:	30041	Section:	34
Sdiv ul:	O	Township:	30.0N
Spud date:	07/21/1959	Water inj :	0
Tvd depth:	0	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	EC BRAWLEY 001
Water pr 2:	0		
Well type:	G		
Compl stat:	Plugged	Days prod :	0
County:	San Juan	Days pro 1:	0
Days prod1:	0	Ew cd:	E
Elevgl:	5749	Ftg ns:	500
Ftg ew:	2000	Gas prod 3:	0
Gas prod 2:	0	Land type:	P
Gas prod 4:	0		
Last prod :	Not Reported		
Latitude:	36.7625992852		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longitude:	-107.976129558	Ns cd:	S
Nbr compls:	0	Ogrid cde:	214263
Ocd ul:	0	Oil prod 3:	0
Oil prod 2:	0	One produc:	Not Reported
Oil prod 4:	0		
Site id:	NMOG40000085371		

A3
NNE
 1/8 - 1/4 Mile

OIL_GAS NMOG40000085601

Acres:	80	Operator:	BURLINGTON RESOURCES OIL ; GAS COMPANY LP
Api:	3004508980	Producing :	0
Plug date:	11/11/2004	Range:	11W
Property:	7290	Section:	34
Sdiv ul:	J	Township:	30.0N
Spud date:	05/16/1963	Water inj :	0
Tvd depth:	2154	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	MARTIN 002
Water pr 2:	0		
Well type:	G		
Compl stat:	Plugged	Days prod :	0
County:	San Juan	Days pro 1:	0
Days prod1:	0	Ew cd:	E
Elevgl:	5784	Ftg ns:	1650
Ftg ew:	1650	Gas prod 3:	0
Gas prod 2:	0	Land type:	P
Gas prod 4:	0		
Last prod :	2003-05		
Latitude:	36.7657551559	Ns cd:	S
Longitude:	-107.974953743	Ogrid cde:	14538
Nbr compls:	2	Oil prod 3:	0
Ocd ul:	J	One produc:	Not Reported
Oil prod 2:	0		
Oil prod 4:	0		
Site id:	NMOG40000085601		

A4
NNE
 1/8 - 1/4 Mile

OIL_GAS NMOG40000085640

Acres:	120	Operator:	AGUA MOSS, LLC
Api:	3004530922	Producing :	0
Plug date:	07/18/2003	Range:	11W
Property:	303420	Section:	34
Sdiv ul:	J	Township:	30.0N
Spud date:	05/14/2002	Water inj :	2753074
Tvd depth:	12991	Water in 1:	132741
Water inj1:	2258069	Water pr 1:	0
Water prod:	0	Well name:	PRETTY LADY 30 11 34 001
Water pr 2:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well type:	S	Days prod :	0
Compl stat:	Active	Days pro 1:	0
County:	San Juan	Ew cd:	E
Days prod1:	0	Ftg ns:	1760
Elevgl:	5789	Gas prod 3:	0
Ftg ew:	1475	Land type:	P
Gas prod 2:	0		
Gas prod 4:	0		
Last prod :	Not Reported		
Latitude:	36.7660558601		
Longitude:	-107.974356006		
Nbr compls:	3	Ns cd:	S
Ocd ul:	J	Ogrid cde:	247130
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	Not Reported
Site id:	NMOG40000085640		

5

West
1/8 - 1/4 Mile

OIL_GAS

NMOG40000085434

Acres:	40	Operator:	PRE-ONGARD WELL OPERATOR
Api:	3004508922	Producing :	0
Plug date:	09/16/1963	Range:	11W
Property:	30041	Section:	34
Sdiv ul:	N	Township:	30.0N
Spud date:	06/08/1958	Water inj :	0
Tvd depth:	1370	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	PRE-ONGARD WELL 002
Water pr 2:	0		
Well type:	W		
Compl stat:	Plugged		
County:	San Juan	Days prod :	0
Days prod1:	0	Days pro 1:	0
Elevgl:	5772	Ew cd:	W
Ftg ew:	2310	Ftg ns:	990
Gas prod 2:	0	Gas prod 3:	0
Gas prod 4:	0	Land type:	P
Last prod :	Not Reported		
Latitude:	36.7639524344		
Longitude:	-107.979191763		
Nbr compls:	1	Ns cd:	S
Ocd ul:	N	Ogrid cde:	214263
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	Not Reported
Site id:	NMOG40000085434		

6

ESE
1/8 - 1/4 Mile

OIL_GAS

NMOG40000085381

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Acres:	321.87	Operator:	BURLINGTON RESOURCES OIL ; GAS COMPANY LP
Api:	3004534431	Producing :	71629
Plug date:	01/22/2009	Range:	11W
Property:	7290	Section:	34
Sdiv ul:	13	Township:	30.ON
Spud date:	04/14/2008	Water inj :	0
Tvd depth:	2274	Water in 1:	0
Water inj1:	0	Water pr 1:	365
Water prod:	153	Well name:	MARTIN 100
Water pr 2:	0		
Well type:	G		
Compl stat:	Active		
County:	San Juan	Days prod :	153
Days prod1:	365	Days pro 1:	0
Elevgl:	5764	Ew cd:	E
Ftg ew:	815	Ftg ns:	670
Gas prod 2:	15044	Gas prod 3:	60850
Gas prod 4:	0	Land type:	F
Last prod :	2009-12		
Latitude:	36.7630564796		
Longitude:	-107.972069818		
Nbr compls:	1	Ns cd:	S
Ocd ul:	P	Ogrid cde:	14538
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	BASIN FRUITLAND COAL (GAS)
Site id:	NMOG40000085381		

7
NNW
1/8 - 1/4 Mile

OIL_GAS NMOG40000085698

Acres:	40	Operator:	PRE-ONGARD WELL OPERATOR
Api:	3004508991	Producing :	0
Plug date:	09/28/1955	Range:	11W
Property:	30041	Section:	34
Sdiv ul:	J	Township:	30.ON
Spud date:	08/03/1958	Water inj :	0
Tvd depth:	1355	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	PRE-ONGARD WELL 003
Water pr 2:	0		
Well type:	W		
Compl stat:	Plugged		
County:	San Juan	Days prod :	0
Days prod1:	0	Days pro 1:	0
Elevgl:	5792	Ew cd:	E
Ftg ew:	2190	Ftg ns:	2190
Gas prod 2:	0	Gas prod 3:	0
Gas prod 4:	0	Land type:	P
Last prod :	Not Reported		
Latitude:	36.7672428247		
Longitude:	-107.97681684		
Nbr compls:	1	Ns cd:	S
Ocd ul:	J	Ogrid cde:	214263
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	Not Reported
Site id:	NMOG40000085698		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

B8
West
1/4 - 1/2 Mile

OIL_GAS NMOG40000085429

Acres:	0	Operator:	PHILLIPS & SPENCE
Api:	3004508928	Producing :	0
Plug date:	07/22/1980	Range:	11W
Property:	30041	Section:	34
Sdiv ul:	N	Township:	30.0N
Spud date:	03/28/1964	Water inj :	0
Tvd depth:	0	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	MARTIN 002
Water pr 2:	0		
Well type:	G		
Compl stat:	Plugged	Days prod :	0
County:	San Juan	Days pro 1:	0
Days prod1:	0	Ew cd:	W
Elevgl:	5797	Ftg ns:	970
Ftg ew:	1670	Gas prod 3:	0
Gas prod 2:	0	Land type:	P
Gas prod 4:	0		
Last prod :	Not Reported		
Latitude:	36.7639026633	Ns cd:	S
Longitude:	-107.981386369	Ogrid cde:	214263
Nbr compls:	0	Oil prod 3:	0
Ocd ul:	N	One produc:	Not Reported
Oil prod 2:	0		
Oil prod 4:	0		
Site id:	NMOG40000085429		

9
South
1/4 - 1/2 Mile

OIL_GAS NMOG40000085259

Acres:	305.47	Operator:	ENERGEN RESOURCES CORPORATION
Api:	3004532210	Producing :	71629
Plug date:	12/27/2006	Range:	11W
Property:	21334	Section:	3
Sdiv ul:	2	Township:	29.0N
Spud date:	04/28/2004	Water inj :	0
Tvd depth:	2233	Water in 1:	0
Water inj1:	0	Water pr 1:	2480
Water prod:	3678	Well name:	MCCLURE 001S
Water pr 2:	0		
Well type:	G		
Compl stat:	Active	Days prod :	365
County:	San Juan	Days pro 1:	0
Days prod1:	365	Ew cd:	E
Elevgl:	5726	Ftg ns:	770
Ftg ew:	1615	Gas prod 3:	113396
Gas prod 2:	114467	Land type:	F
Gas prod 4:	0		
Last prod :	2009-12		
Latitude:	36.7591200614		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longitude:	-107.975361777	Ns cd:	N
Nbr compls:	1	Ogrid cde:	162928
Ocd ul:	B	Oil prod 3:	0
Oil prod 2:	0	One produc:	BASIN FRUITLAND COAL (GAS)
Oil prod 4:	0		
Site id:	NMOG40000085259		

B10
West
1/4 - 1/2 Mile

OIL_GAS NMOG40000085469

Acres:	0	Operator:	MCCOY & PHILLIPS
Api:	3004508942	Producing :	0
Plug date:	07/25/1980	Range:	11W
Property:	30041	Section:	34
Sdiv ul:	N	Township:	30.0N
Spud date:	02/25/1957	Water inj :	0
Tvd depth:	0	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	DAVID A MARTIN 001
Water pr 2:	0		
Well type:	G		
Compl stat:	Plugged		
County:	San Juan	Days prod :	0
Days prod1:	0	Days pro 1:	0
Elevgl:	5725	Ew cd:	W
Ftg ew:	1540	Ftg ns:	1100
Gas prod 2:	0	Gas prod 3:	0
Gas prod 4:	0	Land type:	P
Last prod :	Not Reported		
Latitude:	36.764260778		
Longitude:	-107.981830978		
Nbr compls:	0	Ns cd:	S
Ocd ul:	N	Ogrid cde:	214263
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	Not Reported
Site id:	NMOG40000085469		

C11
WSW
1/4 - 1/2 Mile

OIL_GAS NMOG40000085363

Acres:	40	Operator:	LEE M CRANE
Api:	3004525434	Producing :	48260
Plug date:	04/11/1997	Range:	11W
Property:	3337	Section:	34
Sdiv ul:	N	Township:	30.0N
Spud date:	11/01/1982	Water inj :	0
Tvd depth:	1364	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	MARTIN 004
Water pr 2:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well type:	G	Days prod :	365
Compl stat:	Active	Days pro 1:	0
County:	San Juan	Ew cd:	W
Days prod1:	365	Ftg ns:	330
Elevgl:	5788	Gas prod 3:	1537
Ftg ew:	1650	Land type:	P
Gas prod 2:	1392		
Gas prod 4:	0		
Last prod :	2009-12		
Latitude:	36.7621449609		
Longitude:	-107.981460535		
Nbr compls:	1	Ns cd:	S
Ocd ul:	N	Ogrid cde:	13215
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	OSWELL FARMINGTON
Site id:	NMOG40000085363		

12
WNW
1/4 - 1/2 Mile

OIL_GAS NMOG40000085603

Acres:	40	Operator:	BURLINGTON RESOURCES OIL ; GAS COMPANY LP
Api:	3004508978	Producing :	0
Plug date:	12/27/1993	Range:	11W
Property:	7290	Section:	34
Sdiv ul:	10	Township:	30.0N
Spud date:	05/17/1953	Water inj :	0
Tvd depth:	2160	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	MARTIN 001
Water pr 2:	0		
Well type:	G		
Compl stat:	Plugged		
County:	San Juan	Days prod :	0
Days prod1:	0	Days pro 1:	0
Elevgl:	5809	Ew cd:	W
Ftg ew:	1650	Ftg ns:	1650
Gas prod 2:	0	Gas prod 3:	0
Gas prod 4:	0	Land type:	F
Last prod :	Not Reported		
Latitude:	36.7657705549		
Longitude:	-107.981449006		
Nbr compls:	1	Ns cd:	S
Ocd ul:	K	Ogrid cde:	14538
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	Not Reported
Site id:	NMOG40000085603		

C13
WSW
1/4 - 1/2 Mile

OIL_GAS NMOG40000085364

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Acres: 40
 Api: 3004508893
 Plug date: 02/03/1959
 Property: 3337
 Sdiv ul: N
 Spud date: 02/14/1947
 Tvd depth: 1348
 Water inj1: 0
 Water prod: 0
 Water pr 2: 0
 Well type: O
 Compl stat: Active
 County: San Juan
 Days prod1: 365
 Elevgl: 5730
 Ftg ew: 1570
 Gas prod 2: 1392
 Gas prod 4: 0
 Last prod: 2009-12
 Latitude: 36.7621456062
 Longitude: -107.981734838
 Nbr compls: 1
 Ocd ul: N
 Oil prod 2: 0
 Oil prod 4: 0
 Site id: NMOG40000085364

Operator: LEE M CRANE
 Producing: 48260
 Range: 11W
 Section: 34
 Township: 30.0N
 Water inj: 0
 Water in 1: 0
 Water pr 1: 0
 Well name: MARTIN 003

 Days prod: 365
 Days pro 1: 0
 Ew cd: W
 Ftg ns: 330
 Gas prod 3: 1537
 Land type: P

 Ns cd: S
 Ogrid cde: 13215
 Oil prod 3: 0
 One produc: OSWELL FARMINGTON

B14
West
1/4 - 1/2 Mile

OIL_GAS

NMOG40000085496

Acres: 161.86
 Api: 3004560215
 Plug date: 05/22/1959
 Property: 3337
 Sdiv ul: N
 Spud date: 03/20/1957
 Tvd depth: 1326
 Water inj1: 0
 Water prod: 0
 Water pr 2: 0
 Well type: O
 Compl stat: Active
 County: San Juan
 Days prod1: 365
 Elevgl: 5809
 Ftg ew: 1460
 Gas prod 2: 4175
 Gas prod 4: 0
 Last prod: 2009-12
 Latitude: 36.7645168629
 Longitude: -107.982104469
 Nbr compls: 1
 Ocd ul: N
 Oil prod 2: 0
 Oil prod 4: 0
 Site id: NMOG40000085496

Operator: LEE M CRANE
 Producing: 96539
 Range: 11W
 Section: 34
 Township: 30.0N
 Water inj: 0
 Water in 1: 0
 Water pr 1: 0
 Well name: MARTIN 001

 Days prod: 365
 Days pro 1: 0
 Ew cd: W
 Ftg ns: 1193
 Gas prod 3: 4610
 Land type: P

 Ns cd: S
 Ogrid cde: 13215
 Oil prod 3: 0
 One produc: WILDCAT 30N11W34N;OJO ALAMO (G)

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

15
SSE
1/4 - 1/2 Mile

OIL_GAS NMOG40000085203

Acres:	40	Operator:	THOMPSON ENGR ; PROD CORP
Api:	3004520260	Producing :	0
Plug date:	02/21/2007	Range:	11W
Property:	301333	Section:	3
Sdiv ul:	1	Township:	29.0N
Spud date:	04/16/1968	Water inj :	0
Tvd depth:	2147	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	MARTIN 003R
Water pr 2:	0		
Well type:	G		
Compl stat:	Plugged	Days prod :	0
County:	San Juan	Days pro 1:	0
Days prod1:	0	Ew cd:	E
Elevgl:	5752	Ftg ns:	990
Ftg ew:	990	Gas prod 3:	0
Gas prod 2:	0	Land type:	F
Gas prod 4:	0		
Last prod :	2006-01		
Latitude:	36.7585105011	Ns cd:	N
Longitude:	-107.973222508	Ogrid cde:	37581
Nbr compls:	1	Oil prod 3:	0
Ocd ul:	A	One produc:	Not Reported
Oil prod 2:	0		
Oil prod 4:	0		
Site id:	NMOG40000085203		

16
West
1/4 - 1/2 Mile

OIL_GAS NMOG40000085438

Acres:	645.59	Operator:	BURLINGTON RESOURCES OIL ; GAS COMPANY LP
Api:	3004529356	Producing :	71280
Plug date:	04/22/2004	Range:	11W
Property:	7290	Section:	34
Sdiv ul:	12	Township:	30.0N
Spud date:	03/29/1996	Water inj :	0
Tvd depth:	2350	Water in 1:	0
Water inj1:	0	Water pr 1:	375
Water prod:	81	Well name:	MARTIN 001R
Water pr 2:	0		
Well type:	G		
Compl stat:	Active	Days prod :	249
County:	San Juan	Days pro 1:	0
Days prod1:	277	Ew cd:	W
Elevgl:	5822	Ftg ns:	1000
Ftg ew:	1175	Gas prod 3:	48913
Gas prod 2:	2445	Land type:	F
Gas prod 4:	0		
Last prod :	2009-12		
Latitude:	36.7639890779		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longitude:	-107.983083363	Ns cd:	S
Nbr compls:	3	Ogrid cde:	14538
Ocd ul:	M	Oil prod 3:	0
Oil prod 2:	0	One produc:	AZTEC PICTURED CLIFFS (GAS)
Oil prod 4:	0		
Site id:	NMOG40000085438		

17

South
1/4 - 1/2 Mile

OIL_GAS NMOG40000085082

Acres:	40	Operator:	EL PASO NATURAL GAS
Api:	3004508788	Producing :	0
Plug date:	09/30/1969	Range:	11W
Property:	30041	Section:	3
Sdiv ul:	G	Township:	29.0N
Spud date:	05/12/1953	Water inj :	0
Tvd depth:	2067	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	MARTIN 003
Water pr 2:	0		
Well type:	G		
Compl stat:	Plugged	Days prod :	0
County:	San Juan	Days pro 1:	0
Days prod1:	0	Ew cd:	E
Elevgl:	5717	Ftg ns:	1650
Ftg ew:	1650	Gas prod 3:	0
Gas prod 2:	0	Land type:	P
Gas prod 4:	0		
Last prod :	Not Reported		
Latitude:	36.756703305		
Longitude:	-107.975495685	Ns cd:	N
Nbr compls:	1	Ogrid cde:	214263
Ocd ul:	G	Oil prod 3:	0
Oil prod 2:	0	One produc:	Not Reported
Oil prod 4:	0		
Site id:	NMOG40000085082		

18

SSE
1/2 - 1 Mile

OIL_GAS NMOG40000085115

Acres:	145.47	Operator:	THOMPSON ENGR ; PROD CORP
Api:	3004534116	Producing :	71280
Plug date:	08/19/2008	Range:	11W
Property:	301333	Section:	3
Sdiv ul:	H	Township:	29.0N
Spud date:	02/21/2007	Water inj :	0
Tvd depth:	2200	Water in 1:	0
Water inj1:	0	Water pr 1:	451
Water prod:	412	Well name:	MARTIN 003Y
Water pr 2:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well type:	G	Days prod :	352
Compl stat:	Active	Days pro 1:	0
County:	San Juan	Ew cd:	E
Days prod1:	337	Ftg ns:	1500
Elevgl:	5756	Gas prod 3:	18735
Ftg ew:	660	Land type:	F
Gas prod 2:	23506		
Gas prod 4:	0		
Last prod :	2009-12		
Latitude:	36.7571069133		
Longitude:	-107.972099362		
Nbr compls:	1	Ns cd:	N
Ocd ul:	H	Ogrid cde:	37581
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	AZTEC PICTURED CLIFFS (GAS)
Site id:	NMOG40000085115		

19
SW

1/2 - 1 Mile

OIL_GAS

NMOG40000085206

Acres:	40	Operator:	EL PASO NATURAL GAS
Api:	3004508834	Producing :	0
Plug date:	03/23/1982	Range:	11W
Property:	30041	Section:	3
Sdiv ul:	C	Township:	29.0N
Spud date:	05/06/1953	Water inj :	0
Tvd depth:	2086	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	MARTIN 004
Water pr 2:	0		
Well type:	G		
Compl stat:	Plugged		
County:	San Juan	Days prod :	0
Days prod1:	0	Days pro 1:	0
Elevgl:	5739	Ew cd:	W
Ftg ew:	1650	Ftg ns:	990
Gas prod 2:	0	Gas prod 3:	0
Gas prod 4:	0	Land type:	P
Last prod :	Not Reported		
Latitude:	36.7585329966		
Longitude:	-107.982426612		
Nbr compls:	1	Ns cd:	N
Ocd ul:	C	Ogrid cde:	214263
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	Not Reported
Site id:	NMOG40000085206		

20

WSW

1/2 - 1 Mile

OIL_GAS

NMOG40000085329

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Acres:	40	Operator:	ROBERT H LONG
Api:	3004508855	Producing :	0
Plug date:	01/17/1959	Range:	11W
Property:	30041	Section:	3
Sdiv ul:	D	Township:	29.0N
Spud date:	12/08/1958	Water inj :	0
Tvd depth:	1400	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	ELGIN 001
Water pr 2:	0		
Well type:	G		
Compl stat:	Plugged	Days prod :	0
County:	San Juan	Days pro 1:	0
Days prod1:	0	Ew cd:	W
Elevgl:	5784	Ftg ns:	330
Ftg ew:	660	Gas prod 3:	0
Gas prod 2:	0	Land type:	P
Gas prod 4:	0		
Last prod :	Not Reported		
Latitude:	36.7603539695	Ns cd:	N
Longitude:	-107.985820814	Ogrid cde:	214263
Nbr compls:	1	Oil prod 3:	0
Ocd ul:	D	One produc:	Not Reported
Oil prod 2:	0		
Oil prod 4:	0		
Site id:	NMOG40000085329		

21
NNW
1/2 - 1 Mile

OIL_GAS

NMOG40000085891

Acres:	40	Operator:	CONOCO INC
Api:	3004509364	Producing :	0
Plug date:	04/28/1993	Range:	11W
Property:	14847	Section:	34
Sdiv ul:	6	Township:	30.0N
Spud date:	03/26/1964	Water inj :	0
Tvd depth:	0	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	FEDERAL D 001
Water pr 2:	0		
Well type:	G	Days prod :	0
Compl stat:	Plugged	Days pro 1:	0
County:	San Juan	Ew cd:	W
Days prod1:	0	Ftg ns:	1495
Elevgl:	5833	Gas prod 3:	0
Ftg ew:	1860	Land type:	F
Gas prod 2:	0		
Gas prod 4:	0	Ns cd:	N
Last prod :	Not Reported	Ogrid cde:	5073
Latitude:	36.7719667082	Oil prod 3:	0
Longitude:	-107.980709251	One produc:	Not Reported
Nbr compls:	1		
Ocd ul:	F		
Oil prod 2:	0		
Oil prod 4:	0		
Site id:	NMOG40000085891		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

D22
NNE
1/2 - 1 Mile

OIL_GAS NMOG40000085966

Acres:	321.37	Operator:	BURLINGTON RESOURCES OIL ; GAS COMPANY LP
Api:	3004534973	Producing :	0
Plug date:	10/22/2009	Range:	11W
Property:	7340	Section:	34
Sdiv ul:	1	Township:	30.0N
Spud date:	01/03/2010	Water inj :	0
Tvd depth:	0	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	MURPHY E 100
Water pr 2:	0		
Well type:	G		
Compl stat:	New (Not drilled or compl)	Days prod :	0
County:	San Juan	Days pro 1:	0
Days prod1:	0	Ew cd:	E
Elevgl:	5936	Ftg ns:	1045
Ftg ew:	890	Gas prod 3:	0
Gas prod 2:	0	Land type:	F
Gas prod 4:	0		
Last prod :	Not Reported		
Latitude:	36.7730213082	Ns cd:	N
Longitude:	-107.972403868	Ogrid cde:	14538
Nbr compls:	1	Oil prod 3:	0
Ocd ul:	A	One produc:	Not Reported
Oil prod 2:	0		
Oil prod 4:	0		
Site id:	NMOG40000085966		

D23
NNE
1/2 - 1 Mile

OIL_GAS NMOG40000085984

Acres:	160	Operator:	BURLINGTON RESOURCES OIL ; GAS COMPANY LP
Api:	3004509050	Producing :	71280
Plug date:	04/01/2008	Range:	11W
Property:	7340	Section:	34
Sdiv ul:	1	Township:	30.0N
Spud date:	03/13/1995	Water inj :	0
Tvd depth:	2322	Water in 1:	0
Water inj1:	0	Water pr 1:	365
Water prod:	366	Well name:	MURPHY E 001
Water pr 2:	0		
Well type:	G		
Compl stat:	Active	Days prod :	365
County:	San Juan	Days pro 1:	0
Days prod1:	365	Ew cd:	E
Elevgl:	5950	Ftg ns:	990
Ftg ew:	990	Gas prod 3:	7514
Gas prod 2:	6793	Land type:	F
Gas prod 4:	0		
Last prod :	2009-12		
Latitude:	36.7731799464		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longitude:	-107.972747984	Ns cd:	N
Nbr compls:	1	Ogrid cde:	14538
Ocd ul:	A	Oil prod 3:	0
Oil prod 2:	0	One produc:	AZTEC PICTURED CLIFFS (GAS)
Oil prod 4:	0		
Site id:	NMOG40000085984		

24
East
1/2 - 1 Mile

OIL_GAS NMOG40000085599

Acres:	160	Operator:	BURLINGTON RESOURCES OIL ; GAS COMPANY LP
Api:	3004521430	Producing :	71280
Plug date:	03/11/1987	Range:	11W
Property:	7028	Section:	35
Sdiv ul:	7	Township:	30.0N
Spud date:	02/17/1974	Water inj :	0
Tvd depth:	2262	Water in 1:	0
Water inj1:	0	Water pr 1:	365
Water prod:	366	Well name:	FORREST 004
Water pr 2:	0		
Well type:	G		
Compl stat:	Active		
County:	San Juan	Days prod :	365
Days prod1:	365	Days pro 1:	0
Elevgl:	5797	Ew cd:	W
Fig ew:	1650	Ftg ns:	1650
Gas prod 2:	11050	Gas prod 3:	12512
Gas prod 4:	0	Land type:	F
Last prod :	2009-12		
Latitude:	36.7657405505		
Longitude:	-107.963638242		
Nbr compls:	1	Ns cd:	S
Ocd ul:	K	Ogrid cde:	14538
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	AZTEC PICTURED CLIFFS (GAS)
Site id:	NMOG40000085599		

25
SSW
1/2 - 1 Mile

OIL_GAS NMOG40000085008

Acres:	40	Operator:	BASIN DISPOSAL INC
Api:	3004526862	Producing :	0
Plug date:	06/23/1988	Range:	11W
Property:	1759	Section:	3
Sdiv ul:	F	Township:	29.0N
Spud date:	03/07/1988	Water inj :	4135942
Tvd depth:	3905	Water in 1:	243902
Water inj1:	3511265	Water pr 1:	0
Water prod:	0	Well name:	DISPOSAL 001
Water pr 2:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well type:	S	Days prod :	0
Compl stat:	Active	Days pro 1:	0
County:	San Juan	Ew cd:	W
Days prod1:	0	Ftg ns:	2207
Elevgl:	5710	Gas prod 3:	0
Ftg ew:	1870	Land type:	P
Gas prod 2:	0		
Gas prod 4:	0		
Last prod :	Not Reported		
Latitude:	36.755188436		
Longitude:	-107.981669272		
Nbr compls:	1	Ns cd:	N
Ocd ul:	F	Ogrid cde:	1739
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	Not Reported
Site id:	NMOG40000085008		

E26
SW
1/2 - 1 Mile

OIL_GAS NMOG40000085096

Acres:	291	Operator:	CONOCOPHILLIPS COMPANY
Api:	3004508791	Producing :	71599
Plug date:	09/30/1969	Range:	11W
Property:	31582	Section:	3
Sdiv ul:	E	Township:	29.0N
Spud date:	10/19/1959	Water inj :	0
Tvd depth:	6783	Water in 1:	0
Water inj1:	0	Water pr 1:	143
Water prod:	144	Well name:	MARTIN 3 001
Water pr 2:	0		
Well type:	G		
Compl stat:	Active		
County:	San Juan	Days prod :	365
Days prod1:	365	Days pro 1:	0
Elevgl:	5739	Ew cd:	W
Ftg ew:	790	Ftg ns:	1611
Gas prod 2:	36114	Gas prod 3:	37823
Gas prod 4:	0	Land type:	F
Last prod :	2009-12		
Latitude:	36.7568343895		
Longitude:	-107.985373337		
Nbr compls:	1	Ns cd:	N
Ocd ul:	E	Ogrid cde:	217817
Oil prod 2:	309	Oil prod 3:	355
Oil prod 4:	0	One produc:	BASIN DAKOTA (PRORATED GAS)
Site id:	NMOG40000085096		

27
ESE
1/2 - 1 Mile

OIL_GAS NMOG40000085201

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Acres:	160	Operator:	ENERGEN RESOURCES CORPORATION
Api:	3004508818	Producing :	71280
Plug date:	02/28/1961	Range:	11W
Property:	21983	Section:	2
Sdiv ul:	3	Township:	29.0N
Spud date:	05/02/1959	Water inj :	0
Tvd depth:	2152	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	MURPHY A COM A 002
Water pr 2:	0		
Well type:	G		
Compl stat:	Active		
County:	San Juan	Days prod :	365
Days prod1:	365	Days pro 1:	0
Elevgl:	5730	Ew cd:	W
Ftg ew:	1650	Ftg ns:	990
Gas prod 2:	561	Gas prod 3:	698
Gas prod 4:	0	Land type:	F
Last prod :	2009-12		
Latitude:	36.7584996153		
Longitude:	-107.964172052		
Nbr compls:	1	Ns cd:	N
Ocd ul:	C	Ogrid cde:	162928
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	AZTEC PICTURED CLIFFS (GAS)
Site id:	NMOG40000085201		

28
NNW
1/2 - 1 Mile

OIL_GAS NMOG40000086003

Acres:	160	Operator:	BURLINGTON RESOURCES OIL ; GAS COMPANY LP
Api:	3004509060	Producing :	71280
Plug date:	11/30/1994	Range:	11W
Property:	7340	Section:	34
Sdiv ul:	3	Township:	30.0N
Spud date:	03/05/1955	Water inj :	0
Tvd depth:	2265	Water in 1:	0
Water inj1:	0	Water pr 1:	109
Water prod:	80	Well name:	MURPHY E 002
Water pr 2:	0		
Well type:	G		
Compl stat:	Active		
County:	San Juan	Days prod :	244
Days prod1:	334	Days pro 1:	0
Elevgl:	5872	Ew cd:	W
Ftg ew:	1550	Ftg ns:	990
Gas prod 2:	3854	Gas prod 3:	7621
Gas prod 4:	0	Land type:	F
Last prod :	2009-12		
Latitude:	36.7733772626		
Longitude:	-107.981767702		
Nbr compls:	1	Ns cd:	N
Ocd ul:	C	Ogrid cde:	14538
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	AZTEC PICTURED CLIFFS (GAS)
Site id:	NMOG40000086003		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

29
NE
1/2 - 1 Mile

OIL_GAS NMOG40000085833

Acres:	160	Operator:	XTO ENERGY, INC
Api:	3004509024	Producing :	71280
Plug date:	01/11/1983	Range:	11W
Property:	32296	Section:	35
Sdiv ul:	3	Township:	30.0N
Spud date:	08/20/1951	Water inj :	0
Tvd depth:	2378	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	FORREST 001
Water pr 2:	0		
Well type:	G		
Compl stat:	Active	Days prod :	244
County:	San Juan	Days pro 1:	0
Days prod1:	181	Ew cd:	W
Elevgl:	5864	Ftg ns:	1650
Ftg ew:	1155	Gas prod 3:	309
Gas prod 2:	470	Land type:	F
Gas prod 4:	0		
Last prod :	2009-07		
Latitude:	36.7713170415	Ns cd:	N
Longitude:	-107.965378599	Ogrid cde:	5380
Nbr compls:	1	Oil prod 3:	0
Ocd ul:	E	One product:	AZTEC PICTURED CLIFFS (GAS)
Oil prod 2:	0		
Oil prod 4:	0		
Site id:	NMOG40000085833		

30
SE
1/2 - 1 Mile

OIL_GAS NMOG40000085046

Acres:	304	Operator:	CONOCOPHILLIPS COMPANY
Api:	3004508759	Producing :	71599
Plug date:	04/16/1966	Range:	11W
Property:	31538	Section:	2
Sdiv ul:	E	Township:	29.0N
Spud date:	06/01/1964	Water inj :	0
Tvd depth:	6657	Water in 1:	0
Water inj1:	0	Water pr 1:	107
Water prod:	108	Well name:	FEDERAL E COM 001
Water pr 2:	0		
Well type:	G		
Compl stat:	Active	Days prod :	365
County:	San Juan	Days pro 1:	0
Days prod1:	365	Ew cd:	W
Elevgl:	5719	Ftg ns:	1850
Ftg ew:	1190	Gas prod 3:	14125
Gas prod 2:	15602	Land type:	S
Gas prod 4:	0		
Last prod :	2009-12		
Latitude:	36.756137848		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longitude:	-107.965762828	Ns cd:	N
Nbr compls:	1	Ogrid cde:	217817
Ocd ul:	E	Oil prod 3:	0
Oil prod 2:	65	One produc:	BASIN DAKOTA (PRORATED GAS)
Oil prod 4:	0		
Site id:	NMOG40000085046		

**E31
SW
1/2 - 1 Mile**

OIL_GAS NMOG40000085039

Acres:	451.06	Operator:	BURLINGTON RESOURCES OIL ; GAS COMPANY LP
Api:	3004534744	Producing :	0
Plug date:	06/08/2008	Range:	11W
Property:	7290	Section:	3
Sdiv ul:	E	Township:	29.0N
Spud date:	01/08/2009	Water inj :	0
Tvd depth:	2250	Water in 1:	0
Water inj1:	0	Water pr 1:	8856
Water prod:	0	Well name:	MARTIN 101
Water pr 2:	0		
Well type:	G		
Compl stat:	New (Not drilled or compl)	Days prod :	0
County:	San Juan	Days pro 1:	0
Days prod1:	246	Ew cd:	W
Elevgl:	5734	Ftg ns:	1895
Ftg ew:	670	Gas prod 3:	86758
Gas prod 2:	0	Land type:	P
Gas prod 4:	0		
Last prod :	2009-12		
Latitude:	36.7560553117		
Longitude:	-107.985783944		
Nbr compls:	2	Ns cd:	N
Ocd ul:	E	Ogrid cde:	14538
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	Not Reported
Site id:	NMOG40000085039		

**32
NE
1/2 - 1 Mile**

OIL_GAS NMOG40000085935

Acres:	320	Operator:	CONOCOPHILLIPS COMPANY
Api:	3004509045	Producing :	71599
Plug date:	05/16/1967	Range:	11W
Property:	31507	Section:	35
Sdiv ul:	2	Township:	30.0N
Spud date:	03/13/1964	Water inj :	0
Tvd depth:	6837	Water in 1:	0
Water inj1:	0	Water pr 1:	222
Water prod:	222	Well name:	BLOOMFIELD CANYON FEDERAL 001
Water pr 2:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well type:	G	Days prod :	365
Compl stat:	Active	Days pro 1:	0
County:	San Juan	Ew cd:	W
Days prod1:	365	Ftg ns:	1145
Elevgl:	5872	Gas prod 3:	24059
Ftg ew:	880	Land type:	F
Gas prod 2:	24179		
Gas prod 4:	0		
Last prod :	2009-12		
Latitude:	36.7726985964		
Longitude:	-107.966332213		
Nbr compls:	1	Ns cd:	N
Ocd ul:	D	Ogrid cde:	217817
Oil prod 2:	171	Oil prod 3:	167
Oil prod 4:	0	One produc:	BASIN DAKOTA (PRORATED GAS)
Site id:	NMOG40000085935		

33
South
1/2 - 1 Mile

OIL_GAS NMOG40000084918

Acres:	40	Operator:	XTO ENERGY, INC
Api:	3004508705	Producing :	0
Plug date:	02/01/2006	Range:	11W
Property:	301233	Section:	3
Sdiv ul:	J	Township:	29.0N
Spud date:	01/09/1964	Water inj :	0
Tvd depth:	6608	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	MARTIN A 001
Water pr 2:	0		
Well type:	G		
Compl stat:	Plugged		
County:	San Juan	Days prod :	0
Days prod1:	0	Days pro 1:	0
Elevgl:	5683	Ew cd:	E
Ftg ew:	1575	Ftg ns:	1775
Gas prod 2:	0	Gas prod 3:	0
Gas prod 4:	0	Land type:	P
Last prod :	1999-02		
Latitude:	36.7522784402		
Longitude:	-107.975269091		
Nbr compls:	1	Ns cd:	S
Ocd ul:	J	Ogrid cde:	5380
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	Not Reported
Site id:	NMOG40000084918		

F34
NW
1/2 - 1 Mile

OIL_GAS NMOG40000086017

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Acres:	161.62	Operator:	SUSAN SULLIVAN DBA LIZARD PRODUCTION
Api:	3004520881	Producing :	71200
Plug date:	06/30/1973	Range:	11W
Property:	303182	Section:	34
Sdiv ul:	4	Township:	30.0N
Spud date:	02/28/1972	Water inj :	0
Tvd depth:	2037	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	SANGRE DE CRISTO 002
Water pr 2:	0		
Well type:	G		
Compl stat:	Active		
County:	San Juan	Days prod :	365
Days prod1:	365	Days pro 1:	0
Elevgl:	5869	Ew cd:	W
Ftg ew:	800	Ftg ns:	960
Gas prod 2:	690	Gas prod 3:	650
Gas prod 4:	0	Land type:	F
Last prod :	2009-12		
Latitude:	36.7735159603		
Longitude:	-107.984338879		
Nbr compls:	1	Ns cd:	N
Ocd ul:	D	Ogrid cde:	244993
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	AZTEC FRUITLAND SAND (GAS)
Site id:	NMOG40000086017		

35
West
1/2 - 1 Mile

OIL_GAS NMOG40000085596

Acres:	160	Operator:	BURLINGTON RESOURCES OIL ; GAS COMPANY LP
Api:	3004526476	Producing :	71280
Plug date:	08/29/1996	Range:	11W
Property:	303336	Section:	33
Sdiv ul:	9	Township:	30.0N
Spud date:	08/02/1985	Water inj :	0
Tvd depth:	2394	Water in 1:	0
Water inj1:	0	Water pr 1:	506
Water prod:	368	Well name:	Murphy E 005
Water pr 2:	0		
Well type:	G		
Compl stat:	Active		
County:	San Juan	Days prod :	301
Days prod1:	335	Days pro 1:	0
Elevgl:	5935	Ew cd:	E
Ftg ew:	1070	Ftg ns:	1590
Gas prod 2:	2293	Gas prod 3:	1697
Gas prod 4:	0	Land type:	F
Last prod :	2009-12		
Latitude:	36.7656885667		
Longitude:	-107.990775668		
Nbr compls:	1	Ns cd:	S
Ocd ul:	I	Ogrid cde:	14538
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	AZTEC PICTURED CLIFFS (GAS)
Site id:	NMOG40000085596		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

36
NE
1/2 - 1 Mile

OIL_GAS NMOG40000085837

Acres:	479.18	Operator:	BURLINGTON RESOURCES OIL ; GAS COMPANY LP
Api:	3004509020	Producing :	71629
Plug date:	09/16/1963	Range:	11W
Property:	7644	Section:	35
Sdiv ul:	5	Township:	30.0N
Spud date:	04/07/1959	Water inj :	0
Tvd depth:	2304	Water in 1:	0
Water inj1:	0	Water pr 1:	365
Water prod:	366	Well name:	WOOD 002
Water pr 2:	0		
Well type:	G		
Compl stat:	Active	Days prod :	365
County:	San Juan	Days pro 1:	0
Days prod1:	365	Ew cd:	W
Elevgl:	5858	Ftg ns:	1650
Ftg ew:	1800	Gas prod 3:	40814
Gas prod 2:	34636	Land type:	F
Gas prod 4:	0		
Last prod :	2009-12		
Latitude:	36.7713298883	Ns cd:	N
Longitude:	-107.963167057	Ogrid cde:	14538
Nbr compls:	2	Oil prod 3:	0
Ocd ul:	G	One product:	BASIN FRUITLAND COAL (GAS)
Oil prod 2:	0		
Oil prod 4:	0		
Site id:	NMOG40000085837		

37
East
1/2 - 1 Mile

OIL_GAS NMOG40000085491

Acres:	320	Operator:	CONOCOPHILLIPS COMPANY
Api:	3004508940	Producing :	71599
Plug date:	06/04/1982	Range:	11W
Property:	31550	Section:	35
Sdiv ul:	11	Township:	30.0N
Spud date:	06/12/1961	Water inj :	0
Tvd depth:	6825	Water in 1:	0
Water inj1:	0	Water pr 1:	107
Water prod:	105	Well name:	FOGELSON 35 001
Water pr 2:	0		
Well type:	G		
Compl stat:	Active	Days prod :	355
County:	San Juan	Days pro 1:	0
Days prod1:	365	Ew cd:	E
Elevgl:	5771	Ftg ns:	1180
Ftg ew:	2400	Gas prod 3:	18351
Gas prod 2:	27086	Land type:	F
Gas prod 4:	0		
Last prod :	2009-12		
Latitude:	36.7644497471		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longitude:	-107.95985127	Ns cd:	S
Nbr compls:	1	Ogrid cde:	217817
Ocd ul:	O	Oil prod 3:	151
Oil prod 2:	270	One produc:	BASIN DAKOTA (PRORATED GAS)
Oil prod 4:	0		
Site id:	NMOG40000085491		

**38
NW
1/2 - 1 Mile**

OIL_GAS NMOG40000085995

Acres:	40	Operator:	SUSAN SULLIVAN DBA LIZARD PRODUCTION
Api:	3004509055	Producing :	48260
Plug date:	01/22/1964	Range:	11W
Property:	303182	Section:	34
Sdiv ul:	4	Township:	30.0N
Spud date:	08/13/1932	Water inj :	0
Tvd depth:	1424	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	SANGRE DE CRISTO 001
Water pr 2:	0		
Well type:	O		
Compl stat:	Active		
County:	San Juan	Days prod :	365
Days prod1:	365	Days pro 1:	0
Elevgl:	5945	Ew cd:	W
Fig ew:	165	Fig ns:	1055
Gas prod 2:	1377	Gas prod 3:	1304
Gas prod 4:	0	Land type:	F
Last prod :	2009-12		
Latitude:	36.7733026535		
Longitude:	-107.986516861		
Nbr compls:	1	Ns cd:	N
Ocd ul:	D	Ogrid cde:	244993
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	OSWELL FARMINGTON
Site id:	NMOG40000085995		

**F39
NW
1/2 - 1 Mile**

OIL_GAS NMOG40000086072

Acres:	161.62	Operator:	SUSAN SULLIVAN DBA LIZARD PRODUCTION
Api:	3004524044	Producing :	71200
Plug date:	06/10/1994	Range:	11W
Property:	303182	Section:	34
Sdiv ul:	4	Township:	30.0N
Spud date:	12/24/1979	Water inj :	0
Tvd depth:	0	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	SANGRE DE CRISTO 002S
Water pr 2:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well type:	G	Days prod :	365
Compl stat:	Active	Days pro 1:	0
County:	San Juan	Ew cd:	W
Days prod1:	365	Ftg ns:	670
Elevgl:	5869	Gas prod 3:	654
Ftg ew:	580	Land type:	F
Gas prod 2:	689		
Gas prod 4:	0		
Last prod :	2009-12		
Latitude:	36.7743291477		
Longitude:	-107.985090635		
Nbr compls:	1	Ns cd:	N
Ocd ul:	D	Ogrid cde:	244993
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	AZTEC FRUITLAND SAND (GAS)
Site id:	NMOG40000086072		

40
SSW

1/2 - 1 Mile

OIL_GAS

NMOG40000084893

Acres:	40	Operator:	EL PASO NATURAL GAS
Api:	3004508692	Producing :	0
Plug date:	12/22/1976	Range:	11W
Property:	30041	Section:	3
Sdiv ul:	K	Township:	29.0N
Spud date:	06/07/1953	Water inj :	0
Tvd depth:	2025	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	OSWELL 001
Water pr 2:	0		
Well type:	G		
Compl stat:	Plugged		
County:	San Juan	Days prod :	0
Days prod1:	0	Days pro 1:	0
Elevgl:	5688	Ew cd:	W
Ftg ew:	1650	Ftg ns:	1650
Gas prod 2:	0	Gas prod 3:	0
Gas prod 4:	0	Land type:	P
Last prod :	Not Reported		
Latitude:	36.7519411533		
Longitude:	-107.982407647		
Nbr compls:	1	Ns cd:	S
Ocd ul:	K	Ogrid cde:	214263
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	Not Reported
Site id:	NMOG40000084893		

41
NNW

1/2 - 1 Mile

OIL_GAS

NMOG40000086093

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Acres:	40	Operator:	ORVILLE SLAUGHTER
Api:	3004509078	Producing :	0
Plug date:	11/17/1988	Range:	11W
Property:	30041	Section:	34
Sdiv ul:	D	Township:	30.0N
Spud date:	11/07/1988	Water inj :	0
Tvd depth:	0	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	SANGRE DE CRISTO 005
Water pr 2:	0		
Well type:	O		
Compl stat:	Plugged		
County:	San Juan	Days prod :	0
Days prod1:	0	Days pro 1:	0
Elevgl:	5893	Ew cd:	W
Ftg ew:	700	Ftg ns:	460
Gas prod 2:	0	Gas prod 3:	0
Gas prod 4:	0	Land type:	F.
Last prod :	Not Reported		
Latitude:	36.7748970387		
Longitude:	-107.98467737		
Nbr compls:	1	Ns cd:	N
Ocd ul:	D	Ogrid cde:	214263
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	Not Reported
Site id:	NMOG40000086093		

42
South
1/2 - 1 Mile

OIL_GAS NMOG40000084782

Acres:	465.47	Operator:	ENERGEN RESOURCES CORPORATION
Api:	3004508653	Producing :	71629
Plug date:	12/01/1959	Range:	11W
Property:	21334	Section:	3
Sdiv ul:	O	Township:	29.0N
Spud date:	06/03/1953	Water inj :	0
Tvd depth:	2034	Water in 1:	0
Water inj1:	0	Water pr 1:	750
Water prod:	790	Well name:	MCCLURE 001
Water pr 2:	0		
Well type:	G		
Compl stat:	Active		
County:	San Juan	Days prod :	365
Days prod1:	365	Days pro 1:	0
Elevgl:	5675	Ew cd:	E
Ftg ew:	1650	Ftg ns:	990
Gas prod 2:	52352	Gas prod 3:	58716
Gas prod 4:	0	Land type:	P
Last prod :	2009-12		
Latitude:	36.750122529		
Longitude:	-107.975542945		
Nbr compls:	2	Ns cd:	S
Ocd ul:	O	Ogrid cde:	162928
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	BASIN FRUITLAND COAL (GAS)
Site id:	NMOG40000084782		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

G43
WSW
1/2 - 1 Mile

OIL_GAS NMOG40000085210

Acres:	451.78	Operator:	BURLINGTON RESOURCES OIL ; GAS COMPANY LP
Api:	3004534624	Producing :	71629
Plug date:	06/08/2008	Range:	11W
Property:	7026	Section:	4
Sdiv ul:	1	Township:	29.0N
Spud date:	05/23/2008	Water inj :	0
Tvd depth:	2377	Water in 1:	0
Water inj1:	0	Water pr 1:	7300
Water prod:	2440	Well name:	FOGELSON 4 100S
Water pr 2:	0		
Well type:	G		
Compl stat:	Active		
County:	San Juan	Days prod :	122
Days prod1:	365	Days pro 1:	0
Elevgl:	5879	Ew cd:	E
Ftg ew:	1040	Ftg ns:	1005
Gas prod 2:	16602	Gas prod 3:	226059
Gas prod 4:	0	Land type:	F
Last prod :	2009-12		
Latitude:	36.7585879325		
Longitude:	-107.991648417		
Nbr compls:	2	Ns cd:	N
Ocd ul:	A	Ogrid cde:	14538
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One product:	BASIN FRUITLAND COAL (GAS)
Site id:	NMOG40000085210		

44
SSE
1/2 - 1 Mile

OIL_GAS NMOG40000084891

Acres:	80	Operator:	BURLINGTON RESOURCES OIL ; GAS COMPANY LP
Api:	3004508689	Producing :	0
Plug date:	11/08/2004	Range:	11W
Property:	7333	Section:	2
Sdiv ul:	L	Township:	29.0N
Spud date:	02/23/1953	Water inj :	0
Tvd depth:	2051	Water in 1:	0
Water inj1:	0	Water pr 1:	0
Water prod:	0	Well name:	MURPHY A COM 001
Water pr 2:	0		
Well type:	G		
Compl stat:	Plugged	Days prod :	0
County:	San Juan	Days pro 1:	0
Days prod1:	0	Ew cd:	W
Elevgl:	5692	Ftg ns:	1650
Ftg ew:	990	Gas prod 3:	0
Gas prod 2:	0	Land type:	F
Gas prod 4:	0		
Last prod :	2002-03		
Latitude:	36.7519352624		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longitude:	-107.966478224	Ns cd:	S
Nbr compls:	2	Ogrid cde:	14538
Ocd ul:	L	Oil prod 3:	0
Oil prod 2:	0	One produc:	Not Reported
Oil prod 4:	0		
Site id:	NMOG40000084891		

G45
WSW
 1/2 - 1 Mile

OIL_GAS NMOG40000085219

Acres:	305.89	Operator:	BURLINGTON RESOURCES OIL ; GAS COMPANY LP
Api:	3004532883	Producing :	71599
Plug date:	07/30/2007	Range:	11W
Property:	7026	Section:	4
Sdiv ul:	1	Township:	29.0N
Spud date:	05/08/2005	Water inj :	0
Tvd depth:	6875	Water in 1:	0
Water inj1:	0	Water pr 1:	730
Water prod:	426	Well name:	FOGELSON 4 001E
Water pr 2:	0		
Well type:	G		
Compl stat:	Active	Days prod :	304
County:	San Juan	Days pro 1:	0
Days prod1:	365	Ew cd:	E
Elevgl:	5884	Ftg ns:	975
Fig ew:	1085	Gas prod 3:	60018
Gas prod 2:	35600	Land type:	F
Gas prod 4:	0		
Last prod :	2009-12		
Latitude:	36.7586732507		
Longitude:	-107.991802699		
Nbr compls:	1	Ns cd:	N
Ocd ul:	A	Ogrid cde:	14538
Oil prod 2:	190	Oil prod 3:	305
Oil prod 4:	0	One produc:	BASIN DAKOTA (PRORATED GAS)
Site id:	NMOG40000085219		

H46
West
 1/2 - 1 Mile

OIL_GAS NMOG40000085530

Acres:	325.58	Operator:	BURLINGTON RESOURCES OIL ; GAS COMPANY LP
Api:	3004534844	Producing :	0
Plug date:	06/08/2008	Range:	11W
Property:	7237	Section:	33
Sdiv ul:	15	Township:	30.0N
Spud date:	02/23/2009	Water inj :	0
Tvd depth:	2431	Water in 1:	0
Water inj1:	0	Water pr 1:	192
Water prod:	0	Well name:	LACKEY 100
Water pr 2:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well type:	G	Days prod :	0
Compl stat:	Active	Days pro 1:	0
County:	San Juan	Ew cd:	E
Days prod1:	192	Ftg ns:	1280
Elevgl:	5901	Gas prod 3:	33358
Ftg ew:	1785	Land type:	F
Gas prod 2:	0		
Gas prod 4:	0		
Last prod :	2009-12		
Latitude:	36.7648830724		
Longitude:	-107.993229838		
Nbr compls:	1	Ns cd:	S
Ocd ul:	O	Ogrid cde:	14538
Oil prod 2:	0	Oil prod 3:	0
Oil prod 4:	0	One produc:	Not Reported
Site id:	NMOG40000085530		

H47
West
1/2 - 1 Mile

OIL_GAS NMOG40000085595

Acres:	325.58	Operator:	BURLINGTON RESOURCES OIL ; GAS COMPANY LP
Api:	3004508977	Producing :	71599
Plug date:	11/28/2001	Range:	11W
Property:	7010	Section:	33
Sdiv ul:	10	Township:	30.0N
Spud date:	07/05/1964	Water inj :	0
Tvd depth:	6801	Water in 1:	0
Water inj1:	0	Water pr 1:	365
Water prod:	275	Well name:	FEDERAL F 001
Water pr 2:	0		
Well type:	G		
Compl stat:	Active		
County:	San Juan	Days prod :	365
Days prod1:	365	Days pro 1:	0
Elevgl:	5894	Ew cd:	E
Ftg ew:	1795	Ftg ns:	1565
Gas prod 2:	30324	Gas prod 3:	26321
Gas prod 4:	0	Land type:	F
Last prod :	2009-12		
Latitude:	36.7656666109		
Longitude:	-107.993261635		
Nbr compls:	1	Ns cd:	S
Ocd ul:	J	Ogrid cde:	14538
Oil prod 2:	214	Oil prod 3:	210
Oil prod 4:	0	One produc:	BASIN DAKOTA (PRORATED GAS)
Site id:	NMOG40000085595		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: NM Radon

Radon Test Results

Zip	Total Sites	Pct. < 4 Pci/L	4 < 10 Pci/L	10 < 20 Pci/L	> 20 Pci/L
87413	26	96.2	0.0	0.0	3.8

Federal EPA Radon Zone for SAN JUAN County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 87413

Number of sites tested: 27

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.459 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	10.067 pCi/L	67%	0%	33%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Office of the State Engineer

Telephone: 505-827-6175

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Locations

Source: New Mexico Institute of Mining and Technology

Telephone: 505-835-5142

RADON

State Database: NM Radon

Source: Environment Department

Telephone: 505-827-1093

Radon Test Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX G

NMOSE NMWRRS Database Search Result Page



New Mexico Office of the State Engineer

Point of Diversion by Location

(with Owner Information)

(acre ft per annum) (quarters are 1=NW 2=NE 3=SW 4=SE) (NAD83 UTM in meters)

(quarters are smallest to largest)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Grant	Source	Q	Q	Q	X	Y Distance
								6416	4	Sec	Tws	Rng	
SJ 01995	DOM		3	RAYMOND DETTERRERA	SJ	SJ 01995			3	2	03	29N 11W	234260 4071994* 832
SJ 01887	DOM		0	PATRICIA HARGIS	SJ	SJ 01887			3	03	29N 11W	233625 4071417* 1595	

Record Count: 2

POD Search:

POD Basin: San Juan

UTMNAD83 Radius Search (in meters):

Eastings (X): 234390.25

Northings (Y): 4072816.65

Radius: 1609

Sorted by: Distance

*UTM location was derived from PLSS - see Help

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