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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:

ConocoPhillips

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

Prepared by:



TETRATECH, INC.

6121 Indian School Rd. NE, Suite 200 Albuquerque, NM 87110 Tetra Tech Project No. 114-690113

April 2011

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SOIL BORING INSTALLATION AND SAMPLING REPORT MARTIN 34 NO. 2, SAN JUAN COUNTY, NEW MEXICO MARCH 2011

1.0 INTRODUCTION

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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**.

I.I 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 of the New Mexico Oil Conservation Division (NMOCD) requested that a mean the excavation be extended from 25 feet below ground surface (bgs) to 30 feet bgs during excavation excavation dimensions measured approximately 30 feet by 75 feet by 30 feet by 30 feet by 30 feet by 5 feet by 5 feet by 20 feet by 5 feet by 20 feet by 5 feet by 20 feet by 5 feet by 30 feet by 75 feet

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.

I.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**. Photoionization 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 Boring Installation and Sampling Report Martin 34 No. 2, San Juan County, New Mexico

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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 results are presented as **Table 3**; the corresponding groundwater laboratory analytical results are presented as **Table 3**; the corresponding groundwater laboratory analytical results are presented as **Table 3**; the corresponding groundwater laboratory analytical results are presented as **Table 3**; the corresponding groundwater laboratory analytical results are presented as **Table 3**; the corresponding groundwater laboratory analytical results are presented as **Table 3**; the corresponding groundwater laboratory analytical results are presented as **Table 3**; the corresponding groundwater laboratory analytical results are presented as **Table 3**; the corresponding groundwater laboratory analytical results are presented as **Table 3**; the corresponding groundwater laboratory analytical results are presented as **Table 3**; the corresponding groundwater laboratory analytical results are presented as **Table 3**; the corresponding groundwater laboratory analytical results are presented as **Table 3**; the corresponding groundwater laboratory analytical results are presented as **Table 3**; the corresponding groundwater laboratory analytical results are presented as **Table 3**; the corresponding groundwater laboratory analytical results are presented as **Table 3**; the corresponding groundwater laboratory analytical results are presented as **Table 3**; the corresponding groundwater laboratory analytical results

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**.

Tetra Tech, Inc.

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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 μ g/L; groundwater collected from B-2 contained benzene at 920 μ g/L, while groundwater collected from B-3 contained 10 μ g/L. The NMWQCC standard for chloride is 30 μ g/L; groundwater collected from B-2 contained chloride at a concentration of 352 μ g/L, while groundwater collected from B-3 contained a concentration of 316 μ g/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 MapTM Report with Geocheck® (**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 baring 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@tetratech.com if you have any questions or require additional information.

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Soil Boring Installation and Sampling Report Martin 34 No. 2, San Juan County, New Mexico

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: <u>http://nmwrrs.ose.state.nm.us/nmwrrs/index.html.</u> Search for wells located within a one mile radius of latitude 36.7639439534N longitude -107.975625566W. .e... Ta

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FIGURES

Site Location Map ١. 2. Site Detail and Boring Location Map a degla si este li sud ÷, . Beaution to ConocoPhillips Martin 34 No. 2 in Relation to ConocoPhillips Martin No. 100 Gas Production Well Site and Domestic Water Wells Generalized Geologic Cross Section 4.

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EDR Well Location Map 5.









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ConocoPhillips Martin 34 No. 2 Site San Juan County, New Mexico

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TABLES

Soil Boring Organic Vapor Field Screening Results
Soil Boring Laboratory Analytical Results
Groundwater Analytical Results

Soil Boring ID	Date	Sample Depth (ft bgs)	PID Reading (ppm)
	3/1/2011	32-34	1,465
	3/1/2011	34-36	1,678
	3/1/2011	36-38	1,200
B-1	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
	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
B-2	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
	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
B-3	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

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ConocoPhillips Company Martin 34 No. 2

alytical Results

Constitu	uent				Sample ID (s	soil samples collected	March 1st-2nd, 2011		and the state of the second	
VOCs (BTEX only)	Method	Units	B-1 (38-40 feet)	B-1 (41.5-43 feet)	B-1 (43-43.5 feet)	<u>B-2 (30-32 feet)</u>	B-2 (36-38 feet)	B-3 (26-28 feet)	B-3 (38-40 feet)	NMOCD
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	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
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	9	<5	<5	<5	10	<5	001
Chloride	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
Chloride	300	mg/kg - dry	92.9	114	111	16.4	24	97.4	16.7	NE

Constitu	ent	The state of the s	Sample ID (collect	ed March 2nd, 2011)	
VOCs (BTEX only)	Method	Units	B-2 Water	B-3 Water	NMWQCC Standard
Benzene	8260B	hg/L	920	160	10
oluene	8260B	hg/L	3.7	4	750
Ethylbenzene	8260B	hg/L	120	110	750
otal Xylenes	8260B	hg/L	5.6	250	620
Chloride	Method	Units	B-2 Water	B-3 Water	NMWQCC Standard
Chloride	300	hg/L	352	316	30
Petroleum Hydrocarbons	Method	Units	B-2 Water	B-3 Water	NMWQCC Standard
PH Gasoline Range	8015B	mg/L	1.5	3.1	RE
PH Diesel Range	8015B	mg/L	3.1	5.9	R

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 VOCs = 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) ug/L = Micrograms per liter (parts per million) NE = Not established

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

APPENDIX A

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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)	Totał 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	006
NMOCD Soil Remediation Action Levels for Priority Rangking of >19	10	I	1	I	50	1	1	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)

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envirotech Analytical Laboratory

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

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Analyst

Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com



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

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Analyst

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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.

Martin 34 #2 Comments:

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Analyst

Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

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/0	20	Date Reported:	-	01-25-11
Laboratory Number	57078		Date Sampled:		N/A
Sample Matrix:	Methylene Chlor	ide	Date Received:		N/A
Preservative:	N/A		Date Analyzed:		01-25-11
Condition:	N/A		Analysis Request	ed:	ТРН
	I-Cal Date	I-Cal RE:	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	a)	Concentration		Detection Limi	Ù.
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	
and the second second			Dilution:		10	
Parameter		Concentration (ug/Kg)		Det. Limit (ug/Kg)	1	
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.

		and the second
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

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Client:			Project #:	4	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		2
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.

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

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

1 1

Analyst

Review



			1		
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
		······································		Det.	
		Concentration		Limit	
Parameter		(ug/Kg)		(ug/Kg)	
Bannana		4 6		0.0	
Teluene		1.0		0.9	
		119		1.0	
		110		1.0	
p,m-Xylene	:	1,490		1.2	
o-Aylene	·	337		0.9	
Total BTEX		2,060			

ND - Parameter not detected at the stated detection limit.

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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

1 i.

Analyst

Review



Client: Sample ID: Laboratory Number: Sample Matrix: Preservative: Condition:	N/A 0125BBLK QA/QC 57078 Soil N/A N/A		Project #: Date Reported: Date Sampled: Date Received: Date Analyzed: Analysis: Dilution:	N 0 N 0 B 10	/A 1-26-11 /A /A 1-25-11 TEX
Callbration (and	I-Cal RF:	C-Cal RF:	%Diff.	Blank	Detect.
Detection Limits (ug/L)		Accept Ran	ge.0=15%	Conc	Limit
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene	3.6028E+003 1.5178E+005 1.7002E+005 1.5005E+005 3.3654E+005	3.6100E+003 1.5208E+005 1.7036E+005 1.5035E+005 3.3721E+005	0.2% 0.2% 0.2% 0.2% 0.2%	ND ND ND ND	0.1 0.1 0.1 0.1 0.1
Duplicate Conc. (ug/Kg)	<u>(Sample)</u>	Duplicate	%Diff.	Accept Range	Detect. Limit
Toluene	4.0	4.5	2.2% 8.2%	0 - 30%	1.0
Ethylbenzene	295	271	8.2%	0 - 30%	1.0
p,m-Xylene o-Xylene	1,440 612	1,560 698	8.3% 14.0%	0 - 30% 0 - 30%	1.2 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-Xyiene	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:

1

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

Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 57078-57082 , •1

Analyst

Review



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

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

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

571

Total Petroleum Hydrocarbons

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

h Analyst

Review

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27



EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client:				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 Neede	d: -	ТРН
Calibration					% Difference	Accept Barries
	12-27-10	01-25-11	1,660	1,720	3.6%	+/- 10%
Blank Conc. (mg	i/Ka)		Concentration		Detection Limi	
ТРН)	an a	ND		6.6	
Duplicate Conc.	(mg/Kg)		Sample	Duplicate	% Difference	Accept. Range
ТРН	•	, , , , , , , , , , , , , , , , , , , ,	571	558	2.3%	+/- 30%
		,				· · · · ·
Spike Conc. (mg	y/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
ТРН		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

Review

Rust	Relinquished by: (Signat		Relinquished by: (Signati	Relinguished by: (Signati								Wall	- Wallings	Northan 1	Sample No./	Client Phone No.:	Client Address:	$\frac{\text{Client:}}{00} \frac{1}{0} $
	ure)	(ure) //	(Alfan								-24-11 12 =0	-24-11 13-2	-24-11 12 =	Sample Sampl Date Time	~		
5706												29 57081	4 57080	3157079	e Lab No.	Client No.: 9 (005)	Sampler Name:	Project Name / MavHM
IS Highway R4 - Ear				1-24	Soli Sludge Solid Aqueou	Soil Siudge Soild Aqueou	Soil Sludge Solid Aqueou	Soil Siudge Solid Aqueou	Soli Sludge Solid Aqueou	Soil Sludge Soild Aqueou	Solid Sludge Solid Aqueou	Solid Sludge	Soil Sludge Solid Aqueou	Solid Sludge	Sample Matrix	2-1873	Jai	Location: コイ#ノ
		÷.		-1/ 14:45	53	5		ō	5	5	<u></u>	50h-1 SI	18 1-402	10402	No./Volume P of Containers			
lytical Lat	Received by:		Received by:	Heceived by:-			-					//	//	//	a Ho TPH ((Method	8015)	
poratory 5 · lab@enviro	(Signature))	(Signature)	(aqinature)											BTEX	(Method	d 8021) I 8260)	
tech-inc.com				۰V.		· · ·									Catio	n / Anioi	n 	ANAL
	-			: •.											TCLF PAH	' with H/	Р	YSIS / PARA
												Crab tra	125/1			TPH CHLC	(418.1) ORIDE	. <u>-</u>
			¢	-2< -11	 						1							
				14.4								 		-C	Samı	ole Cool		

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APPENDIX B

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Initial Release Report Form C-141

District I State of 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals	f New Mexico s and Natural Resources Revised October 10, 2003								
1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410	ervation Division Submit 2 Copies to appropriate District Office in accordance								
District IV1220 South1220 S. St. Francis Dr., Santa Fe, NM 87505Santa F	th St. Francis Dr. with Rule 116 on back Se, NM 87505								
Release Notification and Corrective Action									
OPF	ERATOR Initial Report Final Report								
Name of Company ConocoPhillips Company	Contact Kelsi Harrington								
Facility Name Martin 34 No. 002	Facility Type Gas Well API# 30-045-08934								
Surface Owner Private Mineral Owner	Private Lease No. Fee								
LOCATIO	N OF RELEASE								
Unit LetterSectionTownshipRangeFeet from theNortO3430N11W990'	It of RELEASE rth/South Line Feet from the East/West Line County South 1850' East San Juan								
Latitude 36.76394° N	Longitude -107.97562° W								
NATUDE OF DELEASE									
Type of Release – Produced Water	Volume of Release – unknown Volume Recovered – 0 BBL								
Source of Release: Production Tank	Date and Hour of Occurrence Date and Hour of Discovery								
Was Immediate Notice Given?	unknown 12/3/2010								
Yes No X Not Required									
By Whom?	Date and Hour –								
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse.								
If a Watercourse was Impacted, Describe Fully.*									
Describe Group of Development and Development of the Tables * On Descent	box 2, 2010 following removal of an above ground production								
tank, stained soil was discovered. Soil samples were co	ollected from the area.								
iormer 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 20 th 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 1 st and 2 nd 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 relie									
public health or the environment. The acceptance of a C-141 report by th should their operations have failed to adequately investigate and remediat or the environment. In addition, NMOCD acceptance of a C-141 report d federal, state, or local laws and/or regulations.	ate contamination that pose a threat to ground water, surface water, human health does not relieve the operator of responsibility for compliance with any other								
public health or the environment. The acceptance of a C-141 report by th should their operations have failed to adequately investigate and remediat or the environment. In addition, NMOCD acceptance of a C-141 report c federal, state, or local laws and/or regulations. Signature: Printed Name: Kelsi Harrington	ate contamination that pose a threat to ground water, surface water, human health does not relieve the operator of responsibility for compliance with any other OIL CONSERVATION DIVISION								
public health or the environment. The acceptance of a C-141 report by th should their operations have failed to adequately investigate and remediat or the environment. In addition, NMOCD acceptance of a C-141 report c federal, state, or local laws and/or regulations. Signature: Printed Name: Kelsi Harrington	Approved by District Supervisor:								
public health or the environment. The acceptance of a C-141 report by th should their operations have failed to adequately investigate and remediat or the environment. In addition, NMOCD acceptance of a C-141 report c federal, state, or local laws and/or regulations. Signature: Kein Harrington Title: Environmental Consultant	Approved by District Supervisor: Approval Date:								
public health or the environment. The acceptance of a C-141 report by th should their operations have failed to adequately investigate and remediat or the environment. In addition, NMOCD acceptance of a C-141 report c federal, state, or local laws and/or regulations. Signature: Kuin Harrington Title: Environmental Consultant E-mail Address: kelsi.g.harrington@conocophillips.com	ate contamination that pose a threat to ground water, surface water, human health does not relieve the operator of responsibility for compliance with any other OIL CONSERVATION DIVISION Approved by District Supervisor: Approval Date: Expiration Date: Conditions of Approval: Attached []								

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APPENDIX C

Soil Boring Log

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PROJEC		IE: Mart	in 34 No. 2		SOIL BORING NO. B-2						
LOCATION: San Juan County, NM					DRILL TYPE: Geoprobe 540-UD						
FIELD LOGGED BY: Bernie Lauctes					Direct Push						
ELEVATIO	ON: G	ROUND	SURFACE (msl): 5773		BORE HOLE DIAMETER: 2.25 inches						
GROUND	WATE	RELEV	/ATION (msl): ~ 5733 fe	et	DRILLED BY: JR Drilling						
REMARKS: Once total depth was reached and a GW sample collected,					DATE/TIME: HOLE STARTED: March 1, 2011 - 1500						
	bo	ring was	backfilled with hydrated	bentonite to surface.	DATE/TIME: COMPLETED: March 2,	2011 - 1	2:45				
	All	depths a	are measured from grou	ind surface.			Sep.				
ELEVATION (msl) - ft	SAMPLE TO LAB	SAMPLE ID		CLASSIFICA AND DESCRII	ΓΙΟΝ ΡΤΙΟΝ	USCS SYMBOL	PID RESULT (ppm) DEPTH (bgs) - ft				
5770 -				SAND, silty: Light brown some silt.	, damp, loose, subrounded, sand with		0				
5765 -				CLAY: Brown, damp, firr	n, subrounded, stratified, non plastic, clay	SM	5.2 - - - 6.2 - 10				
5760 -				sand, silty: Light brown	White crystalline veins observed. , damp, loose, subrounded, sand with silt	ML					
5755 -				and some thin clay lense veins observed in clay le	es with silt and sand. White crystalline inses.	SM	^{14.5} – 15 5.3				
				SILT: Brown, damp, loos sand observed between	se, stratified, non plastic, silt with coarse 24 and 28 ft bgs.		5.5 9.7				
5750 -						ML	7.3 - 8.1 - 25				
5745 -							6.5				
	×	B-2		CLAY: Brown, damp, firr with silt and sand.	n, subrounded, stratified, non plastic, clay	CL	^{3.5} – 30 9.8				
5740 -		(30-30)		SAND, silty: Light brown with some silt.	, damp, loose, subrounded, stratified sand	01	6.2				
						SM	9.7 - 35				
5735 -	×	B-2 (36-38)		CLAY: Brown, damp to v stratified, low plasticity, o	vet @ 40 ft bgs, firm, subrounded, clay with silt and sand. White crystalline panged from brown to gray at 43 ft bgs		3.3				
					angoa nom brown to gray at to it byo.	CL	6.6				
5730 -				SAND: Gray, saturated, coarse grained sand.	loose, subrounded, stratified, fine to		2.1				
				CLAY: Brown, wet, soft,	subrounded, stratified, low plasticity, clay	SM	0.2				
5725 -			A CONTRACTOR	with silt and sand. White	crystalline veins observed.		9.3				

Total depth = -48 feet

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BORING LOG

Page 1 of 1





Total depth = -48 feet

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APPENDIX D

Soil Boring Laboratory Analytical Report

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

Conoco Phillips

Certificate of Analysis Number: <u>11030104</u>									
Report To:	Project Name: Ma	artin 34 No.2							
Tetra Tech, Inc.	Site: BI	oomfield, NM							
Kelly Blanchard	Site Address:								
6121 Indian School Road, N.E.									
Suite 200 Albuquerque	PO Number:								
NM	<u>State:</u> Ne	ew Mexico							
87110-	State Cert. No .:								
ph: (505) 237-8440 fax: (505) 881-3283	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



Case Narrative for: Conoco Phillips

Certificate of Analysis Number: <u>11030104</u>										
Report To:	ł	Project Name:	Martin 34 No.2							
Tetra Tech, Inc.		Site:	Bloomfield, NM							
Keily Blanchard		Site Address:								
6121 Indian School Road, N.E.			·							
Suite 200		PO Number:								
NM		State:	New Mexico							
87110-		State Cert. No.:								
ph: (505) 237-8440 fax: (505) 881-3283		Date Reported:	3/15/2011							

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 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.

ardenas

11030104 Page 1 3/15/2011

Erica Cardenas Project Manager

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

Date



Conoco Phillips

. ,	Certificate of A	nalysis Number:
	<u>1103</u>	<u>80104</u>
<u>Report To:</u>	Tetra Tech, Inc. Kelly Blanchard 6121 Indian School Road, N.E. Suite 200	Project Name: Martin 34 No.2 Site: Bloomfield, NM Site Address:
	Albuquerque NM 87110- ph: (505) 237-8440 fax: (505) 881-3283	<u>PO Number:</u> <u>State:</u> New Mexico State Cert. No.:
<u>Fax To:</u>	······································	Date Reported: 3/15/2011

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	
B-1@41.5-43.0'	11030104-02	Soil	03/01/2011 14:10	3/3/2011 9:20:00 AM	306322	
B-1@43.0-43.5'	11030104-03	Soil	03/01/2011 14:30	3/3/2011 9:20:00 AM	306322	
B-2@30.0-32.0%	11030104-04	Soil	03/01/2011 16:00	3/3/2011 9:20:00 AM	306322	
B-2@36.0-38.0	11030104-05	Soil	03/01/2011 16:15	3/3/2011 9:20:00 AM	306322	
B-3@26.0-28.0'	11030104-06	Soil	03/02/2011 9:55	3/3/2011 9:20:00 AM	306322	
B-3@38.0-40.0'	11030104-07	Soil .	03/02/2011 10:20	3/3/2011 9:20:00 AM	306322	

<u>منه</u> م<u>ر</u>مسر منه ...

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a Cardinas

3/15/2011

Date

Erica Cardenas Project Manager

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

> > Ted Yen Quality Assurance Officer

Version 2.1 - Modified February 11, 2011

11030104 Page 2 3/15/2011 9:04:12 AM

SPL ENVIRONMENTAL

8880 INTERCHANGE DRIVE HOUSTON, TX 77054

(713) 660-0901

Client Sample ID:B-10	@38.0-40.0'			Col	lected:	03/01/201	1 14:05	5 SPL Sar	nple I	D: 11030)104-01
, 1				Sit	te: Bl	oomfield,	NM				
Analyses/Method		Result	QUAL	R	ep.Limit	I	Dil. Fact	or Date Ana	lyzed	Analyst	Seq. #
DIESEL RANGE ORG	ANICS					MCL		SW8015B	Un	nits: 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 O	RGANICS					MCL	<u>.</u>	SW8015B	Un	nits: mg/kg	
Gasoline Range Organic	s	4800			100		1000	03/04/11	22:48	WLV	5738470
Surr: 1,4-Difluorobenz	ene	119		%	63-142		1000	03/04/11	22:48	WLV	5738470
Surr: 4-Bromofluorobe	nzene	151		%	50-159		1000	03/04/11	22:48	WLV	5738470
Prep Method	Prep Date		Prep Initials	Prec	Factor						
SW 5030B	03/04/2011 10	:09	XML	1.00							
ION CHROMATOGRA	PHY					MCL	E3	00.0 MOD	Un	nits: mg/kg	
Chloride		92.9			10		2	03/04/11	15:39	ESK	5737820
VOLATILE ORGANIC	S BY METHO	D 8260E	ананананананананананананананананананан			MCL		SW8260B	Un	nits: ug/kg	
Benzene	· · · _ ·	2700	а. С		1200		250	03/08/11	20:48	LU_L	5739989
Ethylbenzene		23000			1200		250	03/08/11	20:48	LU_L	5739989
Toluene 250	· _=	110000			12000		2500	03/08/11	20:22	LU_L	5739988
m,p-Xylene	and the second s	240000	,		12000		2500	03/08/11	20:22	LU_L	5739988
o-Xylene	ette stand d	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-Dichloroetha	ne-d4	93.7		%	78-116	•	2500	03/08/11	20:22	LU_L	5739988
Surr: 1,2-Dichloroetha	ne-d4	94.0	······	%	78-116		250	03/08/11	20:48	LU_L	5739989
Surr: 4-Bromofluorobe	nzene	102	ŗ	%	74-125		2500	03/08/11	20:22	LU_L	5739988
Surr: 4-Bromofluorobe	nzene	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	r	108)	%	82-118		250	03/08/11	20.48	11) 1	5739989

Prep Method	Prep Date	Prep Initials	Prep Factor
SW 5030B	03/04/2011 10:07	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

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ACCUTEST,

SPL ENVIRONMENTAL

8880 INTERCHANGE DRIVE HOUSTON, TX 77054

(713) 660-0901

L	А	в	0	R	A	т	0	R	I	Ε	S

Client Sample ID:B-	1@41.5-43.0'			Col	llected	: 03/0	1/2011 1	14:10	SPL San	nple l	I D: 11030)104-02
· · , I			•	Si	te: E	Bloom	field, NI	NI ·			· .	•
Analyses/Method		Result	QUAL	R	ep.Limi	it	Dil.	Factor	Date Anal	yzed	Analyst	Seq. #
DIESEL RANGE OR	GANICS						MCL	SV	V8015B	Ur	nits: mg/kg	
Diesel Range Organics	s (C10-C28)	6			:	5		1	03/09/11	17:27	NW	5741635
Surr: n-Pentacosane	•	77.9		%	20-15	4		1	03/09/11	17:27	NW	5741635
Prep Method	Prep Date		Prep Initials	Prer	o Factor	7						
SW 3550B	03/08/2011 14:	35	QMT	1.00)							
GASOLINE RANGE	ORGANICS						MCL	SV	V8015B	Ur	nits: mg/kg	
Gasoline Range Organ	ics	0:2			0.	1		1	03/05/11	1:22	WLV	5738473
Surr: 1,4-Difluorober	nzene	` 101		%	63-14	2		1	03/05/11	1:22	WLV .	5738473
Surr: 4-Bromofluoro	benzene	111	·	%	50-15	9		1	03/05/11	1:22	WLV	5738473
· ·			1	1		7			•			
Prep Method	Prep Date		Prep Initials	Prer	<u>o Factor</u>	-						
SW5030B	03/04/2011 9:4	2	XML	1.00)							
ION CHROMATOGR	APHY						MCL	E300	.0 MOD	Ur	nits: mg/kg	
Chloride		114			-	5		1	03/04/11	15:56	ESK	5737821
VOLATILE ORGANI	CS BY METHO	D 8260E	3			•	MCL	sv	V8260B	Ur	nits: 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	1	i ND	• • •			5		1	03/08/11	18:57	TLE	5739776
m,p-Xylene (station and the	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-Dichloroeth	nane-d4	99.2	·	%	71-13	0	·······	1	03/08/11	18:57	TLE	5739776
Surr: 4-Bromofluorol	penzene	103		%	65-13	1		1	03/08/11	18:57	TLE	5739776
Surr: Toluene-d8		107		%	75-13	6		1	03/08/11	18:57	TLE	5739776

Prep Method	Prep Date	Prep Initials	Prep Factor
SW 5030B	03/04/2011 9:38	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

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8880 INTERCHANGE DRIVE HOUSTON, TX 77054

(713) 660-0901

LABORATORIES

Client Sample ID:B-1@43.0-43.5'			Col	lected	I: 03/0	1/2011	14:30	SPL San	nple l	D: 11030)104-03
,			Sit	e: E	Bloom	field, N	IM .				· .
Analyses/Method R	esult	QUAL	R	ep.Lim	it	Di	I. Factor	Date Ana	lyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS						MCL	sv	V8015B	Ur	nits: mg/kg	,
Diesel Range Organics (C10-C28)	ND				5		1	03/09/11	19:08	NW	5741638
Surr: n-Pentacosane	83.3		%	20-15	4		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	SV	V8015B	Ur	nits: mg/kg	
Gasoline Range Organics	ND			0.	1		1	03/05/1	1 2:48	WLV	5738476
Surr: 1,4-Difluorobenzene	96.9		%	63-14	2		1	03/05/1	1 2:48	WLV	5738476
Surr: 4-Bromofluorobenzene	106	·	%	50-15	9		1	03/05/1	1 2:48	WLV .	5738476
Prep Method Prep Date		Prep Initials	Pren	Factor				•			
SW5030B 03/04/2011 9:51		XML	1.00	1 00101							
						MCL	E300	.0 MOD	Ur	nits: ma/ka	
Chloride	111				5		1	03/04/11	16:13	ESK	5737822
VOLATILE ORGANICS BY METHOD 8	260E	}				MCL	SV	V8260B	Ur	nits: ua/ka	
Benzene Commence and the	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		%	71-13	0		1	03/08/11	20:22	TLE	5739779
Surr: 4-Bromofluorobenzene	101		%	65-13	1		1	03/08/11	20:22	TLE	5739779
Surr: Toluene-d8	107	······	%	75-13	6		1	03/08/11	20:22	TLE	5739779

Prep Method	Prep Date	Prep Initials	Prep Factor
SW 5030B	03/04/2011 9:49	XML	1.00

Qualifiers: ND/U - Not Detected at the Reporting Limit

2.

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

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ACCUTEST.

SPL ENVIRONMENTAL

8880 INTERCHANGE DRIVE HOUSTON, TX 77054

(713) 660-0901

LABORATORIES

Client Sample ID:B-2@30.0-32.0'			Col	lected:	03/01/2011 16	6:00	SPL San	nple I	D: 11030	104-04
,			Sit	e: Bl	oomfield, NM		· ·			
Analyses/Method	Result	QUAL	R	ep.Limit	Dil. F	actor	Date Anal	yzed	Analyst	Seq. #
DIESEL RANGE ORGANICS		,			MCL	SV	V8015B	Un	its: 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	SV	V8015B	Un	its: mg/kg	
Gasoline Range Organics	ND			.0.1		1	03/05/1	1 3:17	WLV	5738477
Surr: 1,4-Difluorobenzene	94.8		%	63-142		1	03/05/1	1 3:17	WLV	5738477
Surr: 4-Bromofluorobenzene	106		%	50-159		1	03/05/1	1 3:17	WLV	5738477
Prep Method Prep Date		Pren Initials	Pren	Eactor						
SW 5030B 03/04/2011 9:54		XML	1.00							
ION CHROMATOGRAPHY		<u> </u>			MCL	E300	.0 MOD	Un	its: mg/kg	
Chloride	16.4			5		1	03/04/11	16:30	ESK	5737823
VOLATILE ORGANICS BY METHOD	8260E	3			MCL	SV	V8260B	Un	its: 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 and the second second	9			5		1	03/08/11	20:44	TLE	5739780
o-Xylene (55/0+41*1 + 3 * 4	ND	·- · · ,		5		1	03/08/11	20:44	TLE	5739780
Xylenes, Total	9	، ا نيبوه		- 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
SW 5030B	03/04/2011 9:53	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

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SPL ENVIRONMENTAL

8880 INTERCHANGE DRIVE

HOUSTON, TX 77054 (713) 660-0901

Client Sample ID:B-20	@36.0-38.0'		·	Col	ected:	03/01/201	1 16:15	SPL Sar	nple	I D: 11030)104-05
· ,	, ,			Sit	e: Blo	oomfield,	NM	· .			
Analyses/Method		Result	QUAL	R	ep.Limit	I	Dil. Facto	or Date Ana	lyzed	Analyst	Seq. #
DIESEL RANGE ORG	ANICS					MCL	S	W8015B	U	nits: mg/kg	
Diesel Range Organics (C10-C28)	ND			5		1	03/09/11	20:28	NW	574164
Surr: n-Pentacosane		83.7		%	20-154		1	03/09/11	20:28	NW	574164
Prep Method	Prep Date		Prep Initials	Prep	Factor						
SW3550B	03/08/2011 14:3	5 i	QMT	1.00							
GASOLINE RANGE O	RGANICS					MCL	S	W8015B	Ur	nits: mg/kg	
Gasoline Range Organic	S ¹	ND			0.1		1	03/05/1	1 3:52	WLV	573847
Surr: 1,4-Difluorobenz	ene	96.4		%	63-142		1	03/05/1	1 3:52	WLV	573847
Surr: 4-Bromofluorobè	nzene	105	:	%	50-159		1	03/05/1	1 3:52	WLV	573847
Prep Method	Prep Date		Prep Initials	Prep	Factor						
SW 5030B	03/04/2011 9:57		XML	1.00							
ION CHROMATOGRA	PHY					MCL	E30	0.0 MOD	Ur	nits: mg/kg	•
Chloride		24			5		1	03/04/11	17:21	ESK	573782
VOLATILE ORGANIC	S BY METHOD	8260E	3			MCL	S	W8260B	Ur	nits: ug/kg	
Benzene	ayaya (a. 197	ND	•		5		1	03/08/11	21:05	TLE	573978
Ethylbenzene	•	ND			5		1	03/08/11	21:05	TLE	573978
Toluene	43, 10 ¹¹	ND	•		5		1	03/08/11	21:05	TLE	573978
m,p-Xylene		ND	··. · ·		5		1	03/08/11	21:05	TLE	573978
o-Xylene	tt i fear i i	ND	• •		5		1	03/08/11	21:05	TLE	573978
Xylenes,Total	•.	ND		·	5		1	03/08/11	21:05	TLE	573978
Surr: 1,2-Dichloroetha	ne-d4	98.4		%	71-130		1	03/08/11	21:05	TLE	573978
Surr: 4-Bromofluorobe	nzene	103		%	65-131		1	03/08/11	21:05	TLE	573978
Surr: Toluene-d8	•	105	4 1	%	75-136		1	03/08/11	21:05	TLE	573978

Prep Method	Prep Date	Prep Initials	Prep Factor
SW 5030B	03/04/2011 9:55	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

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SPL ENVIRONMENTAL

8880 INTERCHANGE DRIVE HOUSTON, TX 77054

(713) 660-0901

Client Sample ID:	B-3@26.0-28.0'			Col	lected: 03	3/02/2011 9	9:55	SPL San	iple l	D: 11030)104-06
· · · · · ·				Sit	e: Bloc	omfield, N	M				
Analyses/Method		Result	QUAL	R	ep.Limit	Dil.	Factor	Date Anal	yzed	Analyst	Seq. #
DIESEL RANGE O	RGANICS					MCL	SV	V8015B	Ur	nits: mg/kg	
Diesel Range Organ	ics (C10-C28)	10			5		1	03/09/11	21:08	NW	5741641
Surr: n-Pentacosa	ane	86.9		%	20-154		1	03/09/11	21:08	NW	5741641
Prep Method	Prep Date		Prep Initials	Prep	Factor						
SW 3550B	03/08/2011 14	:35	QMT	1.00						•	
GASOLINE RANG	E ORGANICS	•				MCL	SV	V8015B	Ur	nits: mg/kg	
Gasoline Range Org	janics	ND			0.1		1 ·	03/05/11	4:21	WLV	5738479
Surr: 1,4-Difluorol	benzene	96.6		%	63-142		1	03/05/11	4:21	WLV	5738479
Surr: 4-Bromofluo	robenzene	105	4.5 S	%	50-159		1	03/05/11	4:21	WLV	5738479
Prep Method	Prep Date		Prep Initials	Prep	Factor		•				
SW 5030B	03/04/2011 10	:01	XML	1.00							
ION CHROMATOO	GRAPHY					MCL	E300	.0 MOD	Un	its: mg/kg	⁻
Chloride		97.4			10		2	03/04/11	17:38	ESK	5737827
VOLATILE ORGA	NICS BY METHO	D 8260E	3			MCL	SV	V8260B	Un	its: ug/kg	· .
Benzene	\$1 - <u>1</u>	ND			. 5		1	03/08/11	21:27	TLE	5739782
Ethylbenzene		ND			5		1	03/08/11	21:27	TLE	5739782
Toluene	isatan ^{an} i	• 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	行動ないのよ	- 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-Dichloro	ethane-d4	98.0		%	71-130		1	03/08/11	21:27	TLE	5739782
Surr: 4-Bromofluo	robenzene	102		%	65-131		1	03/08/11	21:27	TLE	5739782

% 75-136

Prep Method	Prep Date	Prep Initials	Prep Factor
SW 5030B	03/04/2011 9:59	XML	1.00

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Qualifiers: ND/U - Not Detected at the Reporting Limit

Surr: Toluene-d8

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

03/08/11 21:27 TLE

1

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5739782

ACCUTEST.

SPL ENVIRONMENTAL

8880 INTERCHANGE DRIVE HOUSTON, TX 77054

(713) 660-0901

LABORATORIES

Client Sample ID:B-3@38.0)-40.0'		Col	lected:	03/02/201	1 10:20	SPL Sam	iple I	D: 11030	104-07
			Sit	e: Bl	loomfield,	NM	•			
Analyses/Method	Result	QUAL	R	ep.Limit		Dil. Factor	Date Anal	yzed	Analyst	Seq. #
DIESEL RANGE ORGANICS	3				MCL	SV	V8015B	Ur	its: mg/kg	
Diesel Range Organics (C10-C	28) 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]					
GASOLINE RANGE ORGAN	NICS				MCL	SV	V8015B	Ur	its: 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						
SW 5030B 03/04	/2011 10:05	XML	1.00							
ION CHROMATOGRAPHY	<u>-</u> *				MCL	E300	.0 MOD	Un	its: mg/kg	
Chloride	16.7			5	· · · · · · · · · · · · · · · · · · ·	1	03/04/11	17:55	ESK	5737828
VOLATILE ORGANICS BY	METHOD 8260E	3			MCL	SV	V8260B	Un	its: 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 Station	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	V ^a 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
SW 5030B	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

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Quality Control Documentation

Version 2.1 - Modified February 11, 2011

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Quality Control Report

Conoco Phillips

Martin 34 No.2 WorkOrder: 11030104 **Diesel Range Organics** Analysis: 105385 Method: SW8015B Lab Batch ID: Method Blank Samples in Analytical Batch: RunID: HP_V_110309A-5741634 Units: mg/kg **Client Sample ID** Lab Sample ID 11030104-01B B-1@38.0-40.0' Analysis Date: 03/09/2011 15:06 Analyst: NW Preparation Date: 03/08/2011 14:35 Prep By: QMT Method: SW3550B 11030104-02B B-1@41.5-43.0' 11030104-03A B-1@43.0-43.5' 11030104-04B B-2@30.0-32.0' Analyte Result Rep Limit 11030104-05B B-2@36.0-38.0' Diesel Range Organics (C10-C28) ND 5.0 B-3@26.0-28.0' 11030104-06B 112.0 Surr: n-Pentacosane 20-154 11030104-07B B-3@38.0-40.0' Laboratory Control Sample (LCS) HP_V_110309A-5741633 RunID: Units: mg/kg 03/09/2011 14:47 NW Analysis Date: Analyst: Preparation Date: 03/08/2011 14:35 Prep By: QMT Method: SW3550B 1.1.1 Spike Result Percent Lower Upper Analyte Added Recovery Limit Limit Diesel Range Organics (C10-C28) 33.3 34.4 103 57 150 1.66 154 Surr: n-Pentacosane 1.65 99.2 20 Matrix Spike (MS) / Matrix Spike Duplicate (MSD) Sample Spiked: 11030104-01 RunID: HP_V_110309A-5741648 Units: mg/kg 03/10/2011 13:28 NW Analysis Date: Analyst: QMT Method: SW3550B Preparation Date: 03/08/2011 14:35 Prep By: MS MS MS % MSD MSD MSD % RPD RPD Low High Sample Analyte Result Spike Result Recovery Spike Result Recovery Limit Limit Limit Added Added N/C 50 21 175 Diesel Range Organics (C10-C28) 250 N/C 33.3 309 N/C 198 33.3 30 20 154 Surr: n-Pentacosane ND 1.66 1.27 76.6 1.66 1.49 90.0 16.1

Qualifiers: ND/U - Not Detected at the Reporting Limit

B - Analyte Detected In The Associated Method Blank

J - Estimated Value Between MDL And PQL

MI - Matrix Interference

D - Recovery Unreportable due to Dilution

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

 $\sum_{i=1}^{n} e_i$

_. .

Quality Control Report

, >				Conoco Ph	illips					
)				Martin 34 N	lo.2					
Analysis: Aethod:	Gasoline R SW8015B	ange Organics					Work Lab E	Order: Batch ID:	110301 R31668	04 :6
		Method Blank			Sam	oles in Analy	tical Batch	1:		
unID: HP O 1	10304B-5738468	B Units:	, ma/ka			annin la ID		Olivert Co.	inania ID	
	00/04/0044	04.00 Archief			Labs			Client Sal		
nalysis Date:	03/04/2011	21:20 Analysi 21:20 Drop Br		athod: CWE020P	11030	104-01D		D-1@30.0	-40.0 : 42.0'	
eparation Date.	03/04/2011	21.20 Piep b	/. IVI	eurou. 3775030B	11030	104-020		B-1@41.0	-43.0 13.5	
					11030	104-036		B-2@30.0	1-43.5	
	Ar	nalyte	Result I	Rep Limit	11030	104-04B		B-2@36.0	-38 0'	
Gaso	line Range Orga	anics	ND	0.10	11030	104-06B		B-3@26.0	-28 0'	
Su	rr: 1,4-Difluorob	obenzene	93.4	<u>63-142</u> 50-159	11030	0104-07B		B-3@38.0	-40.0	
								2 00000		
	<u>Me</u>	thanolic Preparation	Blank							
InID: HP_O_1	10304B-5738469	9 Units:	mg/kg							
alysis Date:	03/04/2011	21:49 Analyst	WLV							
eparation Date:	03/04/2011	21:49 Prep B	r: Me	ethod: SW5030B			·			
				· .						
L			Deputt 1	Bon Limit						
Gasa			ND	25				•		
Su	rr: 1,4-Difluorob	enzene	94.1	63-142						
Su	rr: 4-Bromofluor	obenzene	96.0	50-159						
			Lab	oratory Control S	Sample (L	CS)				
		BundD		304B-5738467 U	ito, m	olka				
, ,	I	Applipio Dato:	02/04/201	1 20:52	uls. II Voluet: M	ig/kg //i.v/				- Ber 617 Successiv
	а. 17	Preparation Date:	03/04/201	1 20.52 Al	on Rv:	VLV Method	SW/5030B			
		r reparation Date.	00/04/201	120.52	cp by.	Wealog.	01100000			
	I			Orika	Desult	Deveent		Linnar		
•.		Ana	yte	Added	Result	Recovery	Lower	Limit		
		Gasoline Range Orga	nice	1.00	0.010	91.0	70	130		
:	1	Surr: 1 4-Difluoroh		0 100	0.910	91.0	63	142		
		Surr: 4-Bromofluor	benzene	0.100	0.000	103	50	159		
. 4	1. L			0.100						
										1
		Matr	x Spike (MS	S) / Matrix Spike I	Duplicate	(MSD)				
					-					
ualifiers: ND)/U - Not Detec	ted at the Reporting L	imit	1	MI - Matrix	Interference				
В -	Analyte Detec	ted In The Associated	Method Bla	nk [D - Recove	ry Unreporta	ble due to D	lilution		
J -	Estimated Val	ue Between MDL And	PQL	•	- Recover	y Outside Ac	lvisable QC	Limits		
E -	Estimated Val	ue exceeds calibratio) curve							
N/0	C - Not Calcula	ted - Sample concent	ration is grea	ater than 4 times th	e amount o	of spike adde	d. Control li	mits do not a	apply.	
TN	ITC - Too num	erous to count								11030104 Page 12
C results preser	nted on the QC	Summary Report hav	e been round	ded. RPD and perc	ent recove	ery values				3/15/2011 9:04:33 AM

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery value 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: Method:	Gasoline Ra SW8015B	nge Organics						WorkOrder Lab Batch	: 110 ID: R3)30104 16686		
		Sample Spiked:	11030	104-02								
	1 A	RuniD:	HP_O_	110304B-57384	71 Units:	. mg/	kg					
	1	Analysis Date:	03/05/:	2011 0:25	Analys	st: WL	y					
		Preparation Date:	03/04/	2011 9:43	Prep 8	By: XMI	Method: S	N 5030B				
		·····							· · · ·		·	
	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-Diflue	orobenzene	ND	0.1	0.105	105	0.1	0.103	103	2.12	30	63	142
Surr: 4-Bromof	fluorobenzene	ND	0.1	. 0,119	119	0.1	0.118	118	0.844	30	50	159

Qualifiers: I

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

MI - Matrix Interference

D - Recovery Unreportable due to Dilution

* - Recovery Outside Advisable QC Limits

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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Quality Control Report

i	,				Cor	noco Ph	illips					
Analysis:	: Vola	tile Organics by I	Method 826	60B	· N	iartin 34 N	10.2		Worl	kOrder:	11030104	
Method:	SW8	260B							Lab	Batch ID:	R316785	
		Metho	od Blank				Samp	les in Analy	tical Batcl	h:		
RunID:	MSDVOA4_1103	08C-5739775	Units:	ug/kg			Lab S	ample ID		Client Sa	mple ID	
Analysis D	Date: 03/0	8/2011 14:40	Analyst:	TLE			11030)104-02A		B-1@41.5	-43.0'	
							11030)104-03A		B-1@43.0	-43.5'	
			.'				11030)104-04A		B-2@30.0	-32.0'	
						-	11030)104-05A		B-2@36.0	-38.0'	
		Analyte		Result	Rep Lim	it	11030)104-06A		B-3@26.0	-28.0'	
	Ethylbenzene			ND ND	<u>5.</u>		11030)104-07A		B-3@38.0	-40.0'	
	Toluene	5		ND	5.	0						U-0-0
	m,p-Xylene			ND	5.	0						1
	o-Xylene			ND	5.	0						1
	Surr: 1.2-D	ichloroethane-d4		99.5	71-13	0						
	Surr: 4-Bro	omofluorobenzene		103.8	65-13	1						
	Surr: Tolu	ene-d8		106.0	75-13	6						
,	') (:	RunID: Analysis	Date:	MSDVOA4 03/08/201	_1103080 1 12:38	C-57397 Ur An	iits: u alyst: T	g/kg LE				
			Analy	te		Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit		
		Benzene				20.0	19.0	94.9	64	130		
		Ethylbenze	ne			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,To	tal			60.0	61.3	102	64	143		
	,	Surr: 1,2	-Dichloroeth	nane-d4		50.0	49.5	. 99.0	. 71	130		
		Surr: 4-E	Bromofluorol	benzene		50.0	52.4	105	65	131		
		Surr: To	uene-d8			50.0	51.8	104	75	136		
	<u>)</u>		Matrix	Spike (M	S) / Mati	rix Spike I	Duplicate	(MSD)				

ND/U - Not Detected at the Reporting Limit **Qualifiers:**

- B Analyte Detected In The Associated Method Blank
- J Estimated Value Between MDL And PQL

E - Estimated Value exceeds calibration curve

MI - Matrix Interference D - Recovery Unreportable due to Dilution

* - Recovery Outside Advisable QC Limits

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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 Method: SW8260	Organics by Method 8)B	260B					WorkOrder Lab Batch I	: 110 D: R3	30104 16785		
	Sample Spiked:	11030	104-02								
· .	RunID:	MSDV	OA4_110308C-	57397 Units:	ug/k	g					
:	Analysis Date:	03/08/	/2011 19:18	Analy	st: TLE						
•	Preparation Date	e: 03/04/	/2011 9:48	Prep	By: XML	. Method: S\	W5030B				
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	··· · · · · · · · · · · · · · · · · ·	ID 20	16.9	83.5	20	17.1	84.5	1.18	21	49	135
Ethylbenzene	N	ID 20	18.6	90.4	20	19.4	94.3	4.16	30	39	135
Toluene	Ν	ID 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	1	ID 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-d	4 1	ID 50	48.5	97.0	50	48.8	97.6	0.597	30	71	130
Surr: 4-Bromofluorobenzer	ne i in	ID	52	104	50	52.1	104	0.236	30	65	-131

52.4

105

50

52.3

105

0.151

30

75

136

Qualifiers:

Surr: Toluene-d8

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

MI - Matrix Interference

D - Recovery Unreportable due to Dilution

* - Recovery Outside Advisable QC Limits

N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

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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

				Con Ma	oco Phillip artin 34 No.2	S.		•.
nalysis: lethod:	Volatile Or SW8260B	ganics by Method 820	50B				WorkOrder: Lab Batch ID	11030104 : R316798
		Method Blank			5	Samples in Anal	vtical Batch:	
unID: K_	110308F-5739983	Units:	ug/kg		L	ab Sample ID	Client	Sample ID
nalysis Date	e: 03/08/2011	11:36 Analyst:	LU_L		· 1	1030104-01A	B-1@3	38.0-40.0'
					1			
	A	nalyte	Result	Rep Limit				
	Benzene		ND	5.0				
			ND ND	5.0				•
	m p-Xvlene			5.0				
	o-Xvlene		ND	5.0				
	Xylenes,Total		ND	5.0				
	Surr: 1,2-Dichloro	ethane-d4	94.9	71-130				
	Surr: 4-Bromofluo	robenzene	98.6	65-131	•			
	Surr: Toluene-d8		101.1	75-136		-		
	A	nalyte	Result	Rep Limit				
	Benzene		ND	250				
	Ethylbenzene		ND	250				
	Toluene		I ND	250				
	m n Vider -	. <u> </u>		200				
	m,p-Xylene		ND	250	-			
	m,p-Xylene o-Xylene Xylenes Total		ND ND ND	250 250 250				
	m,p-Xylene o-Xylene Xylenes,Total Surr: 1,2-Dichloro	ethane-d4	ND ND ND 97.7	250 250 250 250 78-116			•	
	m,p-Xylene o-Xylene Xylenes,Total Surr: 1,2-Dichloro Surr: 4-Bromofluo	ethane-d4 robenzene	ND ND 97.7 99.8	250 250 250 250 78-116 74-125			•	
	m,p-Xylene o-Xylene Xylenes,Total Surr: 1,2-Dichloro Surr: 4-Bromofluo Surr: Toluene-d8	ethane-d4 robenzene	ND ND 97.7 99.8 102.0	250 250 250 78-116 74-125 82-118			•	
	m,p-Xylene o-Xylene Xylenes,Total Surr: 1,2-Dichloro Surr: 4-Bromofluo Surr: Toluene-d8	ethane-d4 robenzene	ND ND 97.7 99.8 102.0	250 250 250 78-116 74-125 82-118			•	
	m,p-Xylene o-Xylene Xylenes,Total Surr: 1,2-Dichloro Surr: 4-Bromofluo Surr: Toluene-d8	ethane-d4 robenzene	ND ND 97.7 99.8 102.0	250 250 250 78-116 74-125 82-118 boratory (Control Samp	le (LCS)		
	m,p-Xylene o-Xylene Xylenes,Total Surr: 1,2-Dichloro Surr: 4-Bromofluo Surr: Toluene-d8	ethane-d4 robenzene RunID:	ND ND 97.7 99.8 102.0 Lai K_110308	250 250 250 78-116 74-125 82-118 boratory (Control Samp Units:	le (LCS) ug/kg	• •	
	m,p-Xylene o-Xylene Xylenes,Total Surr: 1,2-Dichloro Surr: 4-Bromofluo Surr: Toluene-d8	ethane-d4 robenzene RunID: Analysis Date:	ND ND 97.7 99.8 102.0 La K_110308 03/08/20 ⁻	250 250 250 78-116 74-125 82-118 boratory (F-5739982 11 11:10	<u>Control Samp</u> Units: Analyst:	le (LCS) ug/kg LU_L		
	m,p-Xylene o-Xylene Xylenes,Total Surr: 1,2-Dichloro Surr: 4-Bromofluo Surr: Toluene-d8	ethane-d4 robenzene RunID: Analysis Date:	ND ND 97.7 99.8 102.0 Lal K_110308 03/08/20	250 250 250 78-116 74-125 82-118 boratory (F-5739982 11 11:10	<u>Control Samp</u> Units: Analyst:	l <u>e (LCS)</u> ug/kg LU_L	• •	
	m,p-Xylene o-Xylene Xylenes,Total Surr: 1,2-Dichloro Surr: 4-Bromofluo Surr: Toluene-d8	ethane-d4 robenzene RunID: Analysis Date:	ND ND 97.7 99.8 102.0 <u>La</u> K_110308 03/08/20 ⁻	250 250 250 78-116 74-125 82-118 boratory (F-5739982 11 11:10	<u>Control Samp</u> Units: Analyst:	l <u>e (LCS)</u> ug/kg LU_L	•	
	m,p-Xylene o-Xylene Xylenes,Total Surr: 1,2-Dichloro Surr: 4-Bromofluo Surr: Toluene-d8	ethane-d4 robenzene RunID: Analysis Date: Analy	ND ND 97.7 99.8 102.0 <u>La</u> K_110308 03/08/20	250 250 250 78-116 74-125 82-118 boratory (F-5739982 11 11:10	Control Samp Units: Analyst: Spike Res	le (LCS) ug/kg LU_L sult Percent	Lower Upper	
 	m,p-Xylene o-Xylene Xylenes,Total Surr: 1,2-Dichloro Surr: 4-Bromofluo Surr: Toluene-d8	ethane-d4 robenzene RunID: Analysis Date: Analy	ND ND 97.7 99.8 102.0 <u>La</u> K_110308 03/08/20	250 250 250 78-116 74-125 82-118 boratory (F-5739982 11 11:10	Control Samp Units: Analyst: Spike Res Added	le (LCS) ug/kg LU_L sult Percent Recovery	Lower Upper Limit Limit	
	m,p-Xylene o-Xylene Xylenes,Total Surr: 1,2-Dichloro Surr: 4-Bromofluo Surr: Toluene-d8	ethane-d4 robenzene RunID: Analysis Date: Analy	ND ND 97.7 99.8 102.0 K_110308 03/08/20 te	250 250 250 78-116 74-125 82-118 boratory (F-5739982 11 11:10	Control Samp Units: Analyst: Spike Res Added	le (LCS) ug/kg LU_L sult Percent Recovery	Lower Upper Limit Limit	
Qualifiers:	m,p-Xylene o-Xylene Xylenes,Total Surr: 1,2-Dichloro Surr: 4-Bromofluo Surr: Toluene-d8	RunID: Analysis Date: Cted at the Reporting Li	ND ND 97.7 99.8 102.0 K_110308 03/08/20 te	250 250 250 78-116 74-125 82-118 boratory (F-5739982 11 11:10	Control Samp Units: Analyst: Spike Added Mi - M	le (LCS) ug/kg LU_L sult Percent Recovery atrix Interference	Lower Upper Limit Limit	· · · · · · · · · · · · · · · · · · ·
}ualifiers:	m,p-Xylene o-Xylene Xylenes,Total Surr: 1,2-Dichloro Surr: 4-Bromofluo Surr: Toluene-d8	RunID: Analysis Date: Cted at the Reporting Licted In The Associated	ND ND ND 97.7 99.8 102.0 La K_110308 03/08/20 te mit Method Bla	250 250 250 78-116 74-125 82-118 boratory (F-5739982 11 11:10	Control Samp Units: Analyst: Spike Added Mi - M D - Re	le (LCS) ug/kg LU_L sult Percent Recovery atrix Interference covery Unreporta	Lower Upper Limit Limit	

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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Quality Control Report

. , ; ,		. •		Cono Mar	co Philli tin 34 No.2	ps ·							
nalysis: Vo	latile Organics	by Method 826	0B					Work	Order:	110	30104		
etnod: Sw	8200B		· · · · ·		aménal Carr		6)		Satch IL	J: R3	10/90		<u> </u>
			Ŀ	aboratory C	ontrol Sam	pie (LC	হা						
	Run	ID:	K_11030	8F-5739982	Units:	ug/	kg						
	Ana	lysis Date:	03/08/20	011 11:10	Analys	st: LU	_L						
	[Spike R	esult	Percent	Lower	Upper	-] ·			
		,		Ă	Added		Recovery	Limit	Limit				
-	Benzei	ne i			20.0	20.7	103	74	12	23			
J	Ethylbe	enzene			20.0	19.4	96.8	72	12	27			
	Toluen	e !			20.0	19.4	97.0	74	12	26			
· · · · ·	m,p-Xy	/lene [:]			40.0	38.3	95.8	71	12	29			
	o-Xyler	ne ,			20.0	19.5	97.4	74	13	30			
	Xylene	s,Total			60.0	57.8	96.3	71	13	30			
- 1	Surr	: 1,2-Dichloroeth	nane-d4	-	50.0	47.9	95.8	78	11	16			
	Surr	: 4-Bromofluorot	enzene		50.0	49	97.9	74	12	25			•
	Surr	: Toluene-d8			50.0	50.1	100	82	11	18			1.
													*
Set 1		Matrix	Spike (I	<u>MS) / Matrix</u>	Spike Dup	licate (N	<u>(ISD)</u>						
	Sa	ample Spiked:	11030	073-02									
. ;	Ru	unID:	K_1103	308F-5739986	Unit	s: u	g/kg						
	Ar	alysis Date:	03/08/	2011 16:52	Anal	yst: L	U_L						
2000 - A.	Pr	eparation Date:	03/02/	2011 10:00	Prep	By:	Method	I: SW5035	A				
Analyte	· · · ·	Sample	MS	MS	MS %	MSD	MSD	MS	0%	RPD	RPD	Low	High
1	· · · ·	Result	Spike Added	Result	Recovery	Spike Adde	e Result d	t Reco	overy		Limit	Limit	Limit
enzene	· · · · ·	ND	893	995	5 11	1 89	93	994	111	0.100	22	70	124
hylbenzene		ND	893	1110	10	4 89	93 1	100	102	0.992	20	76	122
bluene		ND	893	915	5 10	3 89	93	906	101	1.06	24	80	117
,p-Xylene		ND	1790	1780	99.	8 179	90 1	800	101	1.01	20	69	127
Xylene		ND	893	909	10	2 89	93	899	101	1.09	20	84	114
lenes,Total		ND	2679	2689	100.	4 267	79 2	699	100.7	0.3074	20	69	127
Surr: 1,2-Dichloroetha	ine-d4	: ND	2230	2170	97.	4 223	30 2	100	94.2	3.32	30	78	116
Surr: 4-Bromofluorobe	enzene	ND	2230	2230	0 10	0 223	30 2	170	97.1	3.08	30	74	125
O		ND.	2220	2270	ni 10	2 222	201 2	220	90 6	2.28	30	82	118

ND/U - Not Detected at the Reporting Limit

ST 11

B - Analyte Detected In The Associated Method Blank J - Estimated Value Between MDL And PQL

D - Recovery Unreportable due to Dilution

* - 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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Quality Control Report

		Conoco Phillips			
ì		Martin 34 No.2			
Analysis:	Volatile Organics by Method 8260E	3	WorkOrder:	11030104	
Method:	SW8260B		Lab Batch ID:	R316798	
		· · · · ·			

Qualifiers:

s: 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

MI - Matrix Interference

D - Recovery Unreportable due to Dilution

* - Recovery Outside Advisable QC Limits

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Quality Control Report

Conoco Phillips Martin 34 No.2 WorkOrder: 11030104 Analysis: Ion Chromatography Method: E300.0 MOD Lab Batch ID: R316642 Samples in Analytical Batch: Method Blank IC2_110304B-5737816 RunID: Units: mg/kg Lab Sample ID **Client Sample ID** 11030104-01B B-1@38.0-40.0' Analysis Date: 03/04/2011 14:31 Analyst: ESK 11030104-02B B-1@41.5-43.0' 11030104-03A B-1@43.0-43.5' 11030104-04B B-2@30.0-32.0' Analyte Result Rep Limit 11030104-05B B-2@36.0-38.0' Chloride ND 5.0 11030104-06B B-3@26.0-28.0' B-3@38.0-40.0' 11030104-07B Laboratory Control Sample (LCS) IC2 110304B-5737817 RunID: Units: mg/kg Analysis Date: 03/04/2011 14:48 Analyst: ESK Analyte Spike Result Percent Lower Upper Added Limit Limit Recovery 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 MS MS MS % MSD MSD MSD % RPD RPD Low High Spike Result Spike Result Limit Limit Limit Result Recovery Recovery Added Added 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 MI - Matrix Interference B - Analyte Detected In The Associated Method Blank D - Recovery Unreportable due to Dilution J - Estimated Value Between MDL And PQL

E - Estimated Value exceeds calibration curve

* - Recovery Outside Advisable QC Limits

N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

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Sample Receipt Checklist And Chain of Custody

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		<u> </u>	
Workorder: 11030104 Date and Time Received: 3/3/2011 9:20:00 AM Temperature: 2.0/2.0°C		Received By: Carrier name: Chilled by:	NB Fedex-Standard Overnight Water Ice
1. Shipping container/cooler in good condition?	Yes 🗹	No 🗌	Not Present
2. Custody seals intact on shippping container/cooler?	Yes 🗹	No 🗌	Not Present
3. Custody seals intact on sample bottles?	Yes 🗌	Νο	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 🗹	Νο	
7. Samples in proper container/bottle?	Yes 🗹	Νο	
8. Sample containers intact?	Yes 🗹 .	No 🗌	
9. Sufficient sample volume for indicated test?	Yes 🗹	Νο	
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 🗌 🛛 V	OA 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:	
Non Conformance 1. No analysis was listed marked off on COC. L Issues:	ogged in per clients	request.	(
Client Instructions:			· · · · · · · · · · · · · · · · · · ·

Version 2.1 - Modified February 11, 2011

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2 Business Days L. Received by: 2. Received by: 3 Business Days Reinquished by: 0.7-6.L-h time 2. Received by: 3 Business Days 3. Relinquished by: 4. Received by: 4. Received by: 0 other 5. Relinquished by: 0 atd 10 atd 10 atd 1 Solution: 5. Relinquished by: 5. Relinquished by: 5. Relinquished by: 1 Solution: 5. Relinquished by: 5. Relinquished by: 5. Relinquished by: 1 Solution: 5. Relinquished by: 5. Relinquished by: 5. Relinquished by: 1 Solution: 5. Relinquished by: 5. Relinquished by: 5. Relinquished by: 1 Solution: 5. Relinquished by: 5. Relinquished by: 5. Received by: 1 Solution: 5. Relinquished by: 5. Relinquished by: 5. Relinquished by: 1 Solution: 5. Relinquished by: 5. Relinquished by: 5. Received by: 1 Solution: 5. Relinquished by: 5. Received by: 5. Received by: 1 Solution: 5. Received by: 6. Received by: 5. Received by: 1 Solution: 5. Received by: 5. Received by: 5. Received by: 1 Solution: 5. Received by: 5. Received by: 5. Received by:	2 Business Days 1. Relinquished by Sampler: date date 1 ime 2. Received by: 3 Business Days 3. Relinquished by: date bis 2. Received by: 3 Business Days 5. Relinquished by: date time 4. Received by: 1 Other 5. Relinquished by: date time 6. Received by: 1 Other 5. Relinquished by: date time 6. Received by: 1 Other 5. Relinquished by: date time 6. Received by: 1 Other 5. Relinquished by: date time 1. Received by: 1 Other 5. Relinquished by: date time 1. Received by: 1 Other 5. Relinquished by: date time 1. Received by: 1 Other 5. Relinquished by: date time 1. Received by: 1 Other 5. Relinquished by: 3.3.1 (10.00) 0. Received by: 1. Received by: 1 Mouston, TX 77054 (713) 660-0901 500 Ambassador Cafrery Parkway 1. Arose City, MI 49686 (231) 947-5777	2 Business Days Standard I. Relinquished by Sampler: 03-62-h time 2. Received by: 3 Business Days 3. Relinquished by: 010- 2. Received by: 4. Received by: 1 Other 5. Relinquished by: 010- 4. Received by: 4. Received by: 1 Other 5. Relinquished by: 010- 4. Received by: 4. Received by: 1 Other 5. Relinquished by: 010- 4. Received by: 010- 1 Other 5. Relinquished by: 010- 4. Received by: 010- 1 Mush TAT requires prior notice 5. Relinquished by: 500 Ambassador Caffrey Parkway 1459 Hughes Drive 1 Muston, TX 77054 (713) 660-0901 5cott, LA 70583 (337) 237-4775 173-4775 17averse City MI 49686 (231) 947-5777	Business Day Contract	Standard QC I.evel 3 QC	Level 4 QC TX TRF			•				· . .• .	· · · · ·		· · · · ·	· · · · · · · · · · · · · · · · · · ·
3 Business Days 3. Relinquished by: 3. Relinquished by: 3. Received by: 1 Other 5. Relinquished by: 3. Suck to the structure of the struct	3 Business Days 3. Relinquished by: Other 3. Relinquished by: Other 5. Relinquished by: 5. Relinquished by: 3 7 3 8880 Interchange Drive 500 Ambassador Caffrery Parkway 10 Houston, TX 77054 (713) 660-0901 500 Ambassador Caffrery Parkway	3 Business Days 3. Relinquished by: 3. Relinquished by: 4. Received by: Other 5. Relinquished by: 3.33 3.34 Nuclear 5. Relinquished by: 3.33 4. Received by: Nuclear 5. Relinquished by: 3.33 5. Relinquished by: Nuclear 3.33 5. Relinquished by: 5. Relinquished by: Rush TAT requires prior notice 5. Relinquished by: 3.33 Rush TAT requires prior notice 5. Relinquished by: 3.37 Nuclear 5. Relinquished by: 5. Relinquished by: Nuclear 5. Relinquished by: 5. Relinquished by: Nuclear 5. Relinquished by: 5. Relinquished by: Rush TAT requires prior notice 5. Relinquished by: 5. Relinquished by: Nuclear 5. Solit, LA 70583 (3.37) 2.37 5.37 Nuclear 5.37 5.37 Nuclear 5.37 5.37 Nuclear 5.37 7.477	2 Business Days A Standard	1. Relinquished by Sampler:	•	date 0.3-02-	4 tim	e	2. R	eceived	by:				 	
Juner 5. Relinquished by: 6. Received by Laboratory: Rush TAT requires prior notice 5. Relinquished by: 3 Rush TAT requires prior notice 5. Relinquished by: 3 Rush TAT requires prior notice 5. Relinquished by: 3 Rush TAT requires prior notice 5. Received by Laboratory: 145 Rush TAT requires prior notice 500 Ambassador Caffred Parkway 459 Hughes Drive Notion, TX 77054 (713) 660-0901 5cott, LA 70583 (337) 237-4775 Traverse City MI 49686 (231) 947-5777	Other 5. Relinquished by: 5. Relinquished by: 6. Received by Laboratory: Rush TAT requires prior notice 5. Relinquished by: 3 3 1 time 6. Received by Laboratory: 0 Rush TAT requires prior notice 3 3 1 CP2D 0 0 0 0 Rush TAT requires prior notice 500 Ambassador Caffrey Parkway 1 459 Hughes Drive 1 459 Hughes Drive Houston, TX 77054 (713) 660-0901 Scott, LA 70583 (337) 237-4775 Traverse City, MI 49686 (231) 947-5777	Juner Andres prior notice 5. Relinquished by: data 1 time 6. Received by Laboratory: AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	3 Business Days	3. Relinquished by:		date	tin	a	4. R	eceived	by:			· · ·	, 	
8880 Interchange Drive 1500 Ambassador Caffe ry Parkway 1459 Hughes Drive Houston, TX 77054 (713) 660-0901 Scott, LA 70583 (337) 237-4775 Traverse City MI 49686 (231) 947-5777	Name Second Call of A mbassador Call of A mbassador Call of A markway A for the	Nouston, TX 77054 (713) 660-0901 Scott, LA 70583 (337) 237-4775 Traverse City, MI 49686 (231) 947-5777	L Other Rush TAT requires prior notice	5. Relinquished by:		^{date} 333	<u>ال</u>	<u>Å</u> Z	<u>6</u>	eceived	by Labo	ratory:	AN	101		
			Houston, TX 77054 (71)	ce Drive 3) 660-0901	500 Ambass Scott LA 70	sador Caffery 0583 (337) 237	Parkwa 4775	, A	· · · ·	Trs	Verse	0.1459 Citv N	Hugh 11 4968	es Dri 86 (23	ve 1 947.	5777

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APPENDIX E

Groundwater Laboratory Analytical Report

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

Conoco Phillips

Certificate of	f Analysis Number:
<u>11</u>	1030106
Report To:	Project Name: Martin 34 No.2
Tetra Tech, Inc.	Site: Bloomfield, NM
Kelly Blanchard	Site Address:
6121 Indian School Road, N.E.	
Suite 200 Albuquerque	PO Number:
NM	State: New Mexico
87110-	State Cert. No.:
ph: (505) 237-8440 fax: (505) 881-3283	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



Case Narrative for: Conoco Phillips

Certificate	e of Analysis Number: <u>11030106</u>
Report To:	Project Name: Martin 34 No.2
Tetra Tech, Inc.	Site: Bloomfield, NM
Kelly Blanchard	Site Address:
6121 Indian School Road, N.E.	
Suite 200 Albuquerque	PO Number:
NM	State: New Mexico
87110-	State Cert. No.:
ph: (505) 237-8440 fax: (505) 881-3283	Date Reported: 3/15/2011

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 HCI, 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 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).

a Cardenas

11030106 Page 1

3/15/2011

Date

Erica Cardenas Project Manager

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



Case Narrative for:

Conoco Phillips

Certificate of Analysis Number:

<u>11030106</u>

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.

Ja Cardenas

11030106 Page 2 3/15/2011

Erica Cardenas Project Manager

Test results meet all requirements of NELAC, unless specified in the narrative. Version 2.1 - Modified February 11, 2011 Date

8 ---- <u>-</u>C LABORATORIES

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

Conoco Phillips

	Certificate of Anal <u>11030</u>	lysis Number: 106	· · · · ·	
<u>Report To:</u>	Tetra Tech, Inc. Kelly Blanchard 6121 Indian School Road, N.E.	<u>Project Name:</u> <u>Site:</u> Site Address:	Martin 34 No.2 Bloomfield, NM	
	Suite 200 Albuquerque NM	PO Number:		
	8/110- ph: (505) 237-8440 fax: (505) 881-3283	<u>State:</u> <u>State Cert. No.:</u>	New Mexico	· ·
<u>Fax To:</u>	and the second	Date Reported:	3/15/2011	the dema

Clie	ent 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	
B-3		11030106-02	Water	03/02/2011 11:30	3/3/2011 9:20:00 AM	306321	
DUP		11030106-03	Water	03/02/2011 12:00	3/3/2011 9:20:00 AM	306321	

- Cardinas

Erica Cardenas Project Manager

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

> > Ted Yen Quality Assurance Officer

Version 2.1 - Modified February 11, 2011

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3/15/2011 Date



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

LABORATORIES

Client Sample ID:B-2				Col	lected:	03/02/201	1 8:00	SPL Sam	nple II	D: 1103	0106-01
. , I.		• .		Sit	e: Bio	oomfield,	NM .				
Analyses/Method		Result	QUAL	R	ep.Limit		Dil. Factor	Date Anal	yzed	Analyst	Seq. #
DIESEL RANGE ORG	ANICS	. •				MCL	SV	V8015B	Un	its: mg/L	
Diesel Range Organics (C10-C28)	3.1			0.2		2	03/08/11	20:14	NW	5740785
Surr: n-Pentacosane		46.4		%	20-150		2	03/08/11	20:14	NW	5740785
Prep Method	Prep Date		Prep Initials	s Prer	Factor						•
SW3510C	03/07/2011 12:	10	A_G	1.00							
GASOLINE RANGE O	RGANICS	. 1,				MCL	SV	V8015B	Un	its: mg/L	
Gasoline Range Organic	s ·	1.5			0.5		5	03/07/11	16:22	NMa	5738802
Surr: 1,4-Difluorobenz	ene .	96.3	?	%	60-155		5	03/07/11	16:22	NMa	5738802
Surr: 4-Bromofluorobe	nzene	110	÷	%	50-158		5	03/07/11	16:22	NMa	5738802
ION CHROMATOGRA	PHY	, ŧ.				MCL		E300.0	Un	its: mg/L	
Chloride	- • • •	352)		25		50	03/05/11	14:14	ESK	5737873
VOLATILE ORGANIC	S BY METHO	D 8260E	3			MCL	SV	V8260B	Un	its: ug/L	
Benzene		920			10		10	03/08/11	12:56	LU_L	573995
Ethylbenzene		120	,		1		1	03/08/11	1:15	LU_L	5739160
Toluene	4	3.7	· `·)		1.		1	03/08/11	1:15	LU_L	5739160
m,p-Xylene		5.6			2		1	03/08/11	1:15	LU_L	5739160
o-Xylene		ND			1		1	03/08/11	1:15	LU_L	5739160
Xylenes,Total		5.6			1		1	03/08/11	1:15	LU_L	5739160
Surr: 1,2-Dichloroetha	ne-d4	94.5		%	70-130		10	03/08/11	12:56	LU_L	5739957
Surr: 1,2-Dichloroetha	ne-d4	96.9		%	70-130		1	03/08/11	1:15	LU_L	5739160
Surr: 4-Bromofluorobe	nzene	98.2		%	74-125		10	03/08/11	12:56	LU_L	5739957
Surr: 4-Bromofluorobe	nzene	98.2		%	74-125		1	03/08/11	1:15	LU_L	5739160
Surr: Toluene-d8		99.3		%	82-118		10	03/08/11	12:56	LU_L	5739957
Surr: Toluene-d8		100	:	· %	82-118		1	03/08/11	1:15	LUL	5739160

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

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8880 INTERCHANGE DRIVE

HOUSTON, TX 77054 (713) 660-0901

LABORATORIES	L	A	B	0	R	A	Т	0	R	I	Е	S
--------------	---	---	---	---	---	---	---	---	---	---	---	---

Client Sample ID:B-3				Col	lected: 0	3/02/201	11 11:30	SPL Sam	nple I	D: 1103	0106-02
· , I .				Sit	e: Blo	omfield,	NM			•	
Analyses/Method		Result	QUAL	R	ep.Limit		Dil. Factor	Date Anal	yzed	Analyst	Seq. #
DIESEL RANGE ORG	ANICS					MCL	SI	W8015B	Un	its: 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 12:1	10	A_G	1.00							
GASOLINE RANGE (ORGANICS					MCL	SI	N8015B	Un	its: mg/L	
Gasoline Range Organi	CS	3.1			0.5		5	03/07/11	15:51	NMa	5738801
Surr: 1,4-Difluoroben:	zene	100		%	60-155		5	03/07/11	15:51	NMa	5738801
Surr: 4-Bromofluorob	enzene	121		%	50-158		5	03/07/11	15:51	NMa	5738801
ON CHROMATOGR	APHY					MCL		E300.0	Un	its: mg/L	
Chloride		316	• • •		25		50	03/05/11	15:05	ESK	5737876
OLATILE ORGANIC	S BY METHOD) 8260E				MCL	SI	N8260B	Un	its: 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	Malan yiri	: ND	. *		1		1	03/08/11	0:20	LU_L	5739158
m,p-Xylene		250			2		1	03/08/11	0:20	ĽU_L	5739158
o-Xylene	* 141 [*]	ND			1		. 1	03/08/11	0:20	LU_L	5739158
Xylenes,Total	•	250			1		1	03/08/11	0:20	LU_L	5739158

%

%

%

70-130

74-125

82-118

1

1

1

03/08/11 0:20 LU_L

03/08/11 0:20 LU_L

03/08/11 0:20 LU_L

Qualifiers: ND/U -

Surr: 1,2-Dichloroethane-d4

Surr: 4-Bromofluorobenzene

Surr: Toluene-d8

ND/U - Not Detected at the Reporting Limit

B - Analyte Detected In The Associated Method Blank

100

99.9

101

* - 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

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5739158

5739158

5739158



8880 INTERCHANGE DRIVE HOUSTON, TX 77054

(713) 660-0901

Client Sample ID:DU	IP			Col	lected: 0	3/02/2011 12:00	SPL Samp	le ID: 1103	0106-03
i				Sit	te: Bloc	omfield, NM			
Analyses/Method		Result	QUAL	R	ep.Limit	Dil. Facto	r Date Analyz	ed Analyst	Seq. #
VOLATILE ORGANIC	CS BY METHOD	8260B				MCL S	W8260B	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	į		1	1	03/08/11 0	49 LU_L	5739159
Surr: 1,2-Dichloroeth	ane-d4	96.6	1	%	70-130	1	03/08/11 0	49 LU_L	5739159
Surr: 4-Bromofluorot	enzene	102	۰	%	74-125	1	03/08/11 0	49 LU_L	5739159
Surr: Toluene-d8	the second	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

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Quality Control Documentation

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Quality Control Report

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1			

Conoco Phillips Martin 34 No.2

Analysis: Method:	Diesel Range Organ SW8015B	ics			WorkOrder: Lab Batch ID:	11030106 105353
	Meti	hod Blank		Samples in Analytic	cal Batch:	
RunID: HP_V_11	0307A-5740778	Units:	mg/L	Lab Sample ID	Client San	nple ID
Analysis Date:	03/07/2011 19:48	Analyst:	NW	11030106-01C	B-2	
Preparation Date:	03/07/2011 12:10	Prep By:	A_G Method: SW3510C	11030106-02C	B-3	

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

.C*	 	1	÷	٠	••	200	

RunID: Analysis Date: Preparation Date:

 HP_V_110307A-5740779
 Units:

 03/07/2011 20:08
 Analys

 03/07/2011 12:10
 Prep B

Units: mg/L Analyst: NW 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	i 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

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

Qualifiers:

s: 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

MI - Matrix Interference

D - Recovery Unreportable due to Dilution

* - Recovery Outside Advisable QC Limits

N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

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Quality Control Report

Conoco Phillips	·	ć	
Martin 34 No 2			

			. P	fartin 34 N	10.2			•		
Analysis: Method:	Gasoline F SW8015B	Range Organics					Worl Lab I	(Order: Batch ID:	11030106 R316715	
<u></u>		Method Blank			Samp	oles in Analy	tical Batch	ו:		
RunID: HP_U	_110307A-573879	6 Units:	. mg/L		Lab S	Sample ID		Client Sar	mple ID	
Analysis Date:	03/07/2011	10:06 Analys	t: NMa		11030	0106-01B		B-2		
			N N		11030	0106-02B		B-3		
	Δ	nalvte	Result Rep Lin	nit						
Ga	soline Range Ord	anics	ND 0.1	10						· .
	Surr: 1,4-Difluorol	benzene	97.3 60-1	55		• •				
	Surr: 4-Bromofluo	robenzene	102.7 50-1	58					•	
			• •							·
	j		Laborator	Control S	Sample (L	<u>CS)</u>				-
	1	RunID:	HP_U_110307A-57	38797 Ur	nits: m	ng/L				
,	t	Analysis Date:	03/07/2011 10:36	An	alyst: N	IMa				
									,	
										; •
		Ana	lyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit		
1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 -		Gasoline Range Orga	anics	1.00	0.984	98.4	42	136		1.758
		Surr: 1,4-Difluorob	enzene	0.100	0.101	101	60	155		 ,
4		Surr: 4-Bromofluo	obenzene	0.100	0.108	108	50	158		
							50			
										•

	Sample Spiked:	11030153-03 [,]			
, I.	RuniD:	HP_U_110307A-5738804	Units:	mg/L	
ì	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

MI - Matrix Interference

D - Recovery Unreportable due to Dilution

* - 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.

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

3/15/2011 9:14:51 AM

Quality Control Report

Conoco Phillips

Mar	tin	34	No.2	

Analysis: Method:	Volatile C SW8260E	Drganics by Method 82 3	60B				Work Lab I	(Order: Batch ID:	11030106 R316740	
	· · · · · · · · · · · ·	Method Blank	·····	-	Samp	oles in Analy	tical Batch	n:		
RunID: K_1 Analysis Date	110307D-5739154 :: 03/07/201	Units: I1 15:31 Analyst:	ug/L LU_L		<u>Lab \$</u> 1103(1103(1103)	Sample ID 0106-01A 0106-02A 0106-03A		<u>Client Sa</u> B-2 B-3 DUP	mple ID	
		Analyte	Result Rep Lin	nit						
	Benzene	Analyte	ND 1	1.0						
	Ethylbenzene		ND	1.0	4		•			
	Toluene		ND	1.0	1. A.					
	m,p-Xylene	•	ND 2	2.0						
	Xvlenes.Total		ND	1.0						
	Surr: 1,2-Dichlor	roethane-d4	97.4 70-1	30						
	Surr: 4-Bromoflu	Jorobenzene	99.3 74-1	25						
	Surr: Toluene-d	8	101.3 82-1	18						
		•	l ab anata -	· Control (Samula /I	<u></u>				
***	ъ.		Laborator	y Control s	sample (L	<u>(3)</u>				
		RunID:	K_110307D-57391	53 Ur	nits: u	g/L				
	:	Analvsis Date:	03/07/2011 15:06	6 Ar	alvst: L	U L				
		,				_				•
		· · · · · · · · · · · · · · · · · · ·		T						
		Analy	/te	Spike	Result	Percent	Lower	Upper		
	4	1		Addea		Recovery	Limit	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-Xvlene		20.0	20.7	103	74	. 130		
	i :	Xvienes Total		60.0	61.3	102	71	130		,
		Surr: 1 2-Dichloroet	hane-d4	50.0	47 1	94.2	70	130		
	1	Surr: 4-Bromofluoro	henzene	50.0	49.6	99.2	74	125		
•		Surr: Tolyono d9		50.0		102	20	110		1
	•	Sun. Toldene-do		50.0		102	02	110		:
	· · ·					(1100)				
		Matri	<u>k Spike (MS) / Ma</u>	trix Spike	Juplicate	(MSD)				
			,							
							•			<u> </u>
Qualifiers:	ND/U - Not Del	tected at the Reporting Li	mit	· 1	MI - Matrix	Interference				
	B - Analyte Det	ected In The Associated	Method Blank	(D - Recove	ery Unreportat	ble due to E	Dilution		
	. J - Estimated V	alue Between MDL And	PQL	+	- Recover	ry Outside Ad	visable QC	Limits		
	E - Estimated V	/alue exceeds calibration	curve							
	N/C - Not Calci	ulated - Sample concentr	ation is greater that	n 4 times th	e amount o	of spike added	d. Control li	mits do not	apply.	
			0		/-					100 D 10

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: Method:	Volatile Organ SW8260B	ics by Method 826	60B			WorkOrder: Lab Batch ID:	11030106 R316740	•	
······································	۲.	Sample Spiked: RunID: Analysis Date:	11030146-22 K_110307D-5739156 03/07/2011 18:37	Units: Analyst:	ug/L 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 _i	101	50	49.4	98.7	2.59	30	82	118

Qualifiers:

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B - Analyte Detected In The Associated Method Blank

J - Estimated Value Between MDL And PQL

E - Estimated Value exceeds calibration curve

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1.1

Quality Control Report

1 ¹					Cono _{Mar}	co Ph tin 34 N	illips 10.2	•							×
Analysis: Nethod:	Volatile Or SW8260B	ganics by Metho	d 8266	0B						Wo . Lat	rkOrder Batch	: 11 ID: R3	030106 16795		
	,	Method Bla	ınk				Sa	mples	in Analy	tical Bat	ch:				
RunID: K_1	10308C-5739956	Un	its:	ug/L			La	ıb Sam	ple ID		Clier	nt Sample I	D		
nalysis Date	03/08/2011	11:36 An	alyst:	LU_L			11	030106	5-01A		B-2		-		
				-											;
	A	nalyte		Result	Rep Limit										
	Benzene			ND	1.0										
	Surr: 1,2-Dichloroe	ethane-d4		94.9	70-130										
	Surr: Toluene-d8			101.1	82-118										
					·		· · · · · · · · · · · · · · · · · · ·	(1.00)							
				La	boratory C	ontrolS	sample	(LCS)							
		RunID:		K_110308	C-5739955	Un	iits:	ug/L							,
·· .	<u>]</u> .	Analysis Date:		03/08/20	11 11:10	An	alyst:	LU_L							<u>ن</u> ن بـــــــــــــــــــــــــــــــــــ
															<u>.</u>
															t î
	i.	· · · ·	Analyte	e	5	Spike	Resu	ilt P	ercent	Lower	Uppe	۶r			
	1-5 1				A	\dded		R	ecovery	Limit	Limi	t			
		Benzene				20.0	2	0.7	103	7	4	123	·		
		Surr: 1,2-Dich	loroeth	ane-d4		50.0	4	7.9	95.8	7	0 ·	130			
		Surr: 4-Bromo	fluorob	enzene		50.0		49	97.9	· 7	4 '	125			
		Surr: Toluene-	d8			50.0	5	0.1	100	8	2	118			
	· · · ·	<u>1</u>	Matrix	Spike (N	<u>IS) / Matrix</u>	Spike [Duplica	ate (MS	iD)						
		Sample Spik	ed:	110301	06-01										
		RunID:		K 1103	08C-5739958	ι	Inits:	ua/l	I						
	1	Analysis Dat	e:	03/08/2	2011 13:21	A	Analyst:	: LU	- L						•
	•	, ,													
	Analyte	Sam	ole	MS	MS	MS	%	MSD	MSD	M	SD %	RPD	RPD	Low	Hiah
	7 (10)	Res	ult	Spike	Result	Recov	very S	Spike	Resul	t Re	covery		Limit	Limit	Limit
				Added			/	Added							
enzene			920	200	1040)	N/C	200	1	050	N/C	N/C	22	70	124
Surr: 1,2-D	ichloroethane-d4		ND	500	474	ł	94.8	500		467	93.4	1.48	30	70	130
halifiara		ated at the Report	ing Lig				AL Ma	triv Into	rforonco						
quaimers.	B - Analyte Deter	sted in The Assoc	ing Lin	III. Aethod Bl	ank	Г			Inconce	Je due to	Dilution				•
	L - Estimated Val	He Retwoor MD				L *	- ReC		utsida Ad	visabla A	C Limite				
	E Estimated Va						- NOUL								
	N/C . Not Colorida	ne exceeds callo		tion is arr	ator than A	limos +b-	a ama :	int of or	nike edder	1 Control	l limite d	a not apply			
		areo - Sample COU	uer Iti di	uou is gre	zauciulidi) 4	แก่บธุร เกิย		nn ui Sl		. ບບກແບ	ເທດແລະແ	ποι αμμιγ.			
	TNTC . Too min	orous to count		-									14	130106	Dana 1



Quality Control Report

Conoco Phillips

Martin 34 No.2

				•••••				
Analysis: Method:	Volatile Org SW8260B	anics by Method 826	60B			WorkOrder: Lab Batch ID:	11030106 R316795	
		Matrix	c Spike (MS) / Matrix Sp	ike Duplicat	e (MSD)			
		Sample Spiked:	11030106-01	•				
· · · ·	, *	RunID:	K_110308C-5739958	Units:	ug/L			
	· .	Analysis Date:	03/08/2011 13:21	Analyst:	LU_L			

	Sam Res	ple ult	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	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

B - Analyte Detected III The Associated Method Diank

J - Estimated Value Between MDL And PQL

E - Estimated Value exceeds calibration curve

MI - Matrix Interference

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Quality Control Report

				Cono Ma	oco Phill Intin 34 No.2	ips 2							
Analysis: Method:	Ion Chromatograpi E300.0	h y						Wor Lab	kOrder: Batch ID:	110 R3 ⁻	30106 16644A		
	Me	thod Blank				Samp	es in Analy	tical Batc	h:				
RuniD: IC2	2_110305B-5737863	Units:	mg/L	•		Lab Sa	ample ID		Client S	Sample ID	<u>)</u>		
Analysis Date	e: 03/05/2011 11:24	' Analyst:	ESK			11030	106-01D		B-2		-		
		1				11030	106-02D		B-3				
	Analyte		Result	Rep Limit									
	Chloride		<u>ND</u>	0.50									
			•										
art Provi			La	boratory (Control San	nple (LC	<u>:S)</u>	· · · · ·		·			
	Runi	D:	IC2_1103	05B-5737864	4 Units	m	⊐/L						· ·
•	Analy	sis Date:	03/05/20	11 11:41	Analy	st: ES	SK						
							•						
				.						-			
		Analy	e		Spike F	lesult	Percent Recovery	Lower	Upper				
- · ·	-, Chlorida				10.00	0.416	04.16	00	410				
	L							<u> </u>		L			
ц		Matrix	Spike (N	IS) / Matrix	k Spike Dur	licate (MSD)						
	C	anla Calleade	440004	00 04									
	: San	npie Spikea: ND [,]	IC2 110	106-01)305B-57378	374 Unit	s. r	na/l						
	Ana	lysis Date:	03/05/2	2011 14:31	Ana	lyst: I	ESK						
		•				-							
	1								•				
	Analyte	Sample	MS .	MS	MS %	MSE	MSD	MS	D %	RPD	RPD	Low	High
	;	Result	Added	Result	Recover	y Spik Adde	e Resu ed	IT Rec	overy		Limit	Limit	LIMA
Chloride		351.8	250	619	4 107	0 2	50 6	09.7	103.2	1 577	15	80	120
Chionae		001.0	200		.4 101		00 0	00.7	100.2			00	120
			•								·		
Qualifiers:	ND/U - Not Detected at th	e Reporting Lir	nit		MI -	Matrix I	nterference						
	B - Analyte Detected in TI	ne Associated I	Method Bl	ank	.D -	Recover	y Unreportal	ble due to l	Dilution				
	J - Estimated Value Betwe	en MDL And F	PQL		* - F	Recovery	Outside Ad	lvisable QC	Limits				
	E - Estimated Value excee	eas calibration	curve								•		

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Sample Receipt Checklist And Chain of Custody

Version 2.1 - Modified February 11, 2011

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Workorder:11030106Received By:NBDate and Time Received:3/3/2011 9:20:00 AMCarrier name:Fedex-StandardTemperature:3.0/3.0°CChilled by:Water Ice	l Overnight
1. Shipping container/cooler in good condition? Yes 🗹 No 🗌 Not Present	
2. Custody seals intact on shippping container/cooler? Yes 🗌 No 🗌 Not Present	
3. Custody seals intact on sample bottles? Yes Solution 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: Contact Date & Time:]
Non Conformance Issues:	
Client Instructions:	

Version 2.1 - Modified February 11, 2011

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ient Name: CONOCO Ph.	:11.PS / Tetra	Tech			itrix bott	tle size	pres.			Re	quest	ed Ar	alysis		
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I Business Day Contract S	Standard QCX J.evel 3 Q	C Level 4 QC	ТХ ТККР	LA REC								• .	• •		• • •
2 Business Days X Standard 1.	. Relinquished by Sample	er:		date O 3- Z	= -	time		2. Receiv	ed by:						::
3 Business Days	. Relinquished by:			date		time		I. Receiv	ed by:	· .				÷.	
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APPENDIX F

EDR Radius Map™ Report with Geocheck®

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Martin 34 No. 2 Utah/Provo Bloomfield, NM 87413

Inquiry Number: 3023357.1s March 25, 2011

The EDR Radius Map[™] Report with GeoCheck®

EDR[®] Environmental Data Resources Inc

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

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Orphan Summary	9
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
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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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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):
 36.76390

 Longitude (West):
 107.9750

 Universal Tranverse Mercator:
 Zone 13

 UTM X (Meters):
 234385.5

 UTM Y (Meters):
 4072609

 Elevation:
 5771 ft.a

36.763900 - 36° 45' 50.0" 107.975600 - 107° 58' 32.2" Zone 13 234385.9 4072609.2 5771 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

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

36107-F8 BLOOMFIELD, NM

Most Recent Revision:

South Map:

TARGET PROPERTY SEARCH RESULTS

1985

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

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

OOO_____Oldee Oleanup Olles 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

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

RADINEO	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

The dealers of

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Let 2 set Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on in further 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.

A TAKE 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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	3
DOUBLE TANK INC	303 NORTH HWY 544	W 1/8 - 1/4 (0.167 mi.)	1	7	

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

Site Name

BALLARD PLANT EL PASO NATURAL GAS - BLANCO PLANT CEDAR HILLS CITY OF LANDFILL EPNG AZTEC WEST KUTZ COMPRESSSOR SITE MERCURY RECOVERY SERVICES EL PASO NATURAL GAS CS-1 SITE WGP - BLANCO AZTEC LA PLATA NONE/NO SHEEN REPORTED/NO OIL ON W PRITCHARD FED #2 MIDDLE MESA 2 REINJECTION FACILITY MUSTANG NO - 7197 ARCO OIL & GAS/BLANCO #2 CDG WELL ARCO OIL & GAS/JACQUEZ #2 COMP STA HUT NO 1-8 COMPRESSOR STATION **VASTAR RESOURCES BLANCO 2** CONOCO/DECKER PRIMO NO.1 EXTERRAN ENERGY - ROSA NO 256 COMP HUERFANO TRADING POST IHS DZILTH-NA-O-DITH

Database(s)

CERCLIS, FINDS CERCLIS-NFRAP, RCRA-CESQG, FINDS CERCLIS-NFRAP FINDS,RCRA-NLR FINDS,RCRA-NLR FINDS,RCRA-NLR FINDS,RCRA-NLR FINDS, RCRA-CESQG ERNS FINDS FINDS FINDS FINDS FINDS FINDS FINDS FINDS FINDS INDIAN UST R4 **INDIAN UST R4**

TC3023357.1s EXECUTIVE SUMMARY 5





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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	<u>1/2 - 1</u>	> 1	Total Plotted	
STANDARD ENVIRONMENTAL RECORDS									
Federal NPL site list				•					
NPL Proposed NPL NPL LIENS		1.000 1.000 TP	0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0	
Federal Delisted NPL site	list								
Delisted NPL		1.000	0	0	0	0	NR	0	
Federal CERCLIS list									
CERCLIS FEDERAL FACILITY	:	0.500 1.000	0 0	0 0	0 0	NR 0	NR NR	. 0 0	
Federal CERCLIS NFRAP	site List	4							
CERC-NFRAP		0.500	O .	0	0	NR	NR	0	
Federal RCRA CORRACT	S facilities li	ist		•					
CORRACTS		1.000	0	0	0	. 0	NR	0	
Federal RCRA non-CORR	ACTS TSD I	acilities list		•					
RCRA-TSDF	,	0.500	0	0	0	NR	NR	0	
Federal RCRA generators	list				1				
RCRA-LQG RCRA-SQG RCRA-CESQG		0.250 0.250 0.250	0 0 0	0 1 0	NR NR NR	NR NR NR	NR NR NR	0 1 0	
Federal institutional contr engineering controls regis	rols / stries								
US ENG CONTROLS US INST CONTROL	. * .	0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0	
Federal ERNS list	. ·								
ERNS	•	TP	NR	NR	NR	NR	NR	0	
State- and tribal - equivale	ent CERCLIS	S .	-						
SHWS SCS	1 N.	N/A 1.000	N/A 0	N/A 0	N/A 0	N/A 0	N/A NR	N/A . 0	
State and tribal landfill an solid waste disposal site l	d/or lists								
SWF/LF		0.500	0	0	0	NR	NR	0	
State and tribal leaking st	orage tank l	lists							
LUST		0.500 0.500	0	0 0	0	NR NR	NR NR	0	
		0.500	U	U	U	NK	NK	U	
State and tribal registered	i storage tai	nk lists	-					~	
USÍ		0.250	0	0	NR	NR	NR	0	

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	<u> 1/8 - 1/4</u>	1/4 - 1/2	<u>1/2 - 1</u>	> 1	Total Plotted
AST INDIAN UST FEMA UST		0.250 0.250 0.250	0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
State and tribal instituti control / engineering co	ional ontrol registrie:	S						
INST CONTROL		0.500	0	0	0	NR	NR	0
State and tribal volunta	ry cleanup site	s						
VCP INDIAN VCP		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0
ADDITIONAL ENVIRONME	NTAL RECORDS	<u>.</u>						
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Waste Disposal Sites	Solid							
DEBRIS REGION 9 ODI	۰.	0.500 0.500	0 0	0.0	0 0	NR NR	NR NR	0 0
SWRCY INDIAN ODI		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0
Local Lists of Hazardou Contaminated Sites	is waste /	,						
US CDL		TP	NR	NR	NR	NR	NR	0
CDL US HIST CDI		TP TP	NR NR	NR NR	NR NR	NR NR	NR NR	0
Local Land Records								·
LIENS 2 LUCIS		TP 0.500	NR 0	NR 0	NR 0	NR NR	NR NR	0 0
Records of Emergency	Release Repo	rts						
HMIRS SPILLS	•	ЛР ТР	NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Other Ascertainable Re	cords							
RCRA-NonGen DOT OPS DOD FUDS CONSENT ROD UMTRA		0.250 TP 1.000 1.000 1.000 1.000 0.500	0 NR 0 0 0 0	0 NR 0 0 0 0	NR NR 0 0 0 0	NR 0 0 0 0 NR	NR NR NR NR NR NR	000000000000000000000000000000000000000
TRIS		0.250 TP	0 NR	0 NR				0
TSCA FTTS		TP TP	NR NR	NR NR	NR NR	NR NR	NR NR	0 0

77

MAP FINDINGS SUMMARY

HIST FTTSTPNRNRNRNRNRNRSSTSTPNRNRNRNRNRNRICISTPNRNRNRNRNRNRPADSTPNRNRNRNRNRNRMLTSTPNRNRNRNRNRNRRADINFOTPNRNRNRNRNRNRFINDSTPNRNRNRNRNRNRDRYCLEANERS0.25000NRNRNRNPDESTPNRNRNRNRNRNDIAN RESERV1:000000NRNRCOAL ASH EPA0:500000NRNREDR Proprietary RecordsEDR Proprietary RecordsJJJ	Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	<u>> 1</u>	Total Plotted
SSTSTPNRNRNRNRNRNRICISTPNRNRNRNRNRNRPADSTPNRNRNRNRNRNRMLTSTPNRNRNRNRNRNRRADINFOTPNRNRNRNRNRNRFINDSTPNRNRNRNRNRNRFINDSTPNRNRNRNRNRCLEANERS0.25000NRNRNRNPDESTPNRNRNRNRNRNDIAN RESERV1.000000NRNRSCRD DRYCLEANERS0.500000NRNRCOAL ASH EPA0.500000NRNREDR PROPRIETARY RECORDSEDR Proprietary RecordsVIENTARSVIENTARSVIENTARS	HIST FTTS		TP	NR	NŖ	NR	NR	NR	. 0
ICIS TP NR NR NR NR NR NR NR PADS TP NR NR NR NR NR NR MLTS TP NR NR NR NR NR NR RADINFO TP NR NR NR NR NR NR FINDS TP NR NR NR NR NR NR RAATS TP NR NR NR NR NR NR DRYCLEANERS 0.250 0 0 NR NR NR NPDES TP NR NR NR NR NR ASBESTOS TP NR NR NR NR NR INDIAN RESERV 1.000 0 0 0 0 NR NR SCRD DRYCLEANERS 0.500 0 0 NR NR NR PCB TRANSFORMER TP NR NR NR NR NR COAL ASH EPA 0.500 0 0 0 NR NR COAL ASH DOE TP NR NR NR NR NR EDR PROPRIETARY RECORDS	SSTS		TP	NR	NŔ	NR	NR	NR	0
PADSTPNRNRNRNRNRNRMLTSTPNRNRNRNRNRNRRADINFOTPNRNRNRNRNRNRFINDSTPNRNRNRNRNRRAATSTPNRNRNRNRNRDRYCLEANERS0.25000NRNRNRNPDESTPNRNRNRNRNRASBESTOSTPNRNRNRNRINDIAN RESERV1.000000NRSCRD DRYCLEANERS0.500000NRPCB TRANSFORMERTPNRNRNRNRCOAL ASH EPA0.500000NRNREDR PROPRIETARY RECORDSEDR Proprietary RecordsImage: Name of the second seco	ICIS		TP	NR	NR	NR	NR	NR	0
MLTSTPNRNRNRNRNRNRRADINFOTPNRNRNRNRNRNRFINDSTPNRNRNRNRNRNRRAATSTPNRNRNRNRNRDRYCLEANERS0.25000NRNRNRNPDESTPNRNRNRNRNRNPDESTPNRNRNRNRNRASBESTOSTPNRNRNRNRINDIAN RESERV1.000000NRSCRD DRYCLEANERS0.500000NRPCB TRANSFORMERTPNRNRNRNRCOAL ASH EPA0.500000NREDR PROPRIETARY RECORDSEDR Proprietary RecordsFF	PADS		TP	NR	NR	NR	NR	NR	0
RADINFOTPNRNRNRNRNRNRFINDSTPNRNRNRNRNRNRRAATSTPNRNRNRNRNRNRDRYCLEANERS0.25000NRNRNRNPDESTPNRNRNRNRNRASBESTOSTPNRNRNRNRNRINDIAN RESERV1.0000000NRSCRD DRYCLEANERS0.500000NRNRPCB TRANSFORMERTPNRNRNRNRNRCOAL ASH EPA0.500000NRNREDR PROPRIETARY RECORDSEDR Proprietary RecordsVVV	MLTS		ЛР	NR	NR	NR	NR	NR ·	0
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RAATSTPNRNRNRNRNRDRYCLEANERS0.25000NRNRNRNPDESTPNRNRNRNRNRASBESTOSTPNRNRNRNRNRINDIAN RESERV1.0000000NRSCRD DRYCLEANERS0.500000NRNRPCB TRANSFORMERTPNRNRNRNRCOAL ASH EPA0.500000NRNRCOAL ASH DOETPNRNRNRNREDR PROPRIETARY RECORDSEDR Proprietary RecordsVVV	FINDS		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS 0.250 0 0 NR	RAATS		TP:	NR	NR	NR	NR	NR	0
NPDES TP NR	DRYCLEANERS		0.250	0	0	NR	NR	NR	0
ASBESTOS TP NR NR NR NR NR NR INDIAN RESERV 1.000 0 0 0 0 0 NR SCRD DRYCLEANERS 0.500 0 0 0 NR NR PCB TRANSFORMER TP NR NR NR NR NR NR COAL ASH EPA 0.500 0 0 0 NR NR COAL ASH DOE TP NR NR NR NR NR NR EDR PROPRIETARY RECORDS	NPDES		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV 1.000 0 0 0 NR SCRD DRYCLEANERS 0.500 0 0 NR NR PCB TRANSFORMER TP NR NR NR NR COAL ASH EPA 0.500 0 0 0 NR NR COAL ASH EPA 0.500 0 0 0 NR NR COAL ASH DOE TP NR NR NR NR NR EDR PROPRIETARY RECORDS EDR Proprietary Records Image: Construction of the second sec	ASBESTOS		.TP	NR	NR	NR	NR	NR	0
SCRD DRYCLEANERS0.500000NRNRPCB TRANSFORMERTPNRNRNRNRNRCOAL ASH EPA0.500000NRNRCOAL ASH DOETPNRNRNRNRNREDR PROPRIETARY RECORDSEDR Proprietary RecordsImage: Constraint of the second sec	INDIAN RESERV		1:000	0	0	0	0	NR	0
PCB TRANSFORMER TP NR NR NR NR COAL ASH EPA 0.500 0 0 NR NR COAL ASH DOE TP NR NR NR NR EDR PROPRIETARY RECORDS EDR Proprietary Records Image: Construction of the second	SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	• 0
COAL ASH EPA 0.500 0 0 NR NR COAL ASH DOE TP NR NR NR NR EDR PROPRIETARY RECORDS	PCB TRANSFORMER		ЛР	NR	NR	NR	NR	NR	0
COAL ASH DOE TP NR NR NR NR NR EDR PROPRIETARY RECORDS EDR Proprietary Records	COAL ASH EPA	:	0:500	0	0	0	NR	NR	0
EDR PROPRIETARY RECORDS EDR Proprietary Records	COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
EDR Proprietary Records	EDR PROPRIETARY RECOR	DS							
	EDR Proprietary Records	;							
Manufactured Gas Plants 1.000 0 0 0 0 NR	Manufactured Gas Plants		1.000	• 0	0	0	0	NR	0

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 ID Direction Distance Elevation

1

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

DOUBLE TANK INC West 1/8-1/4 0.167 mi. 879 ft.

Site

Relative: Higher

Actual: 5784 ft.

3 245

1.913

303 NORTH HWY 544 **BLOOMFIELD, NM 87413** RCRA-SQG:

> Date form received by agency: 12/04/1995 Facility name: Facility address:

EPA ID: Mailing address:

Contact: Contact address:

Contact country: Contact telephone: Contact email: EPA Region: Classification: Description:

DOUBLE TANK INC 303 NORTH HWY 544 BLOOMFIELD, NM 87413 NMR00000539 PO BOX 2646 BLOOMFIELD, NM 87413 WILBER LOVARO PO BOX 2646 BLOOMFIELD, NM 87413 US (505) 632-0511 Not reported 06 Small Small Quantity Generator

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: Owner/operator address:

Owner/operator country: Owner/operator telephone: Legal status: Owner/Operator Type: Owner/Op start date: Owner/Op end date:

WILBER LOVARO PO BOX 2646 BLOOMFIELD, NM 87413 Not reported (505) 632-0511 Private Owner Not reported 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 User 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

RCRA-SQG FINDS

1001079534 NMR00000539

TC3023357.1s Page 7

MAP FINDINGS Map ID Direction Distance EDR ID Number Database(s) EPA ID Number Elevation Site **DOUBLE TANK INC (Continued)** 1001079534 Hazardous Waste Summary: Waste code: F003 THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL 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.

unt: 20 records.	
ā	ount: 20 records.

ORPHAN SUMMARY

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

TC3023357.1s Page 9

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 Date Data Arrived at EDR: 01/13/2011 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 15 Source: EPA Telephone: N/A Last EDR Contact: 01/13/2011 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 3 Telephone 215-814-5418

EPA Region 4 Telephone 404-562-8033

EPA Region 5 Telephone 312-886-6686

EPA Region 10 Telephone 206-553-8665 EPA Region 7 Telephone: 913-551-7247

Telephone: 214-655-6659

FPA Region 6

EPA Region 8 Telephone: 303-312-6774

EPA Region 9 Telephone: 415-947-4246

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 Date Data Arrived at EDR: 01/13/2011 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 15 Source: EPA Telephone: N/A Last EDR Contact: 01/13/2011 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 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994 Number of Days to Update: 56 Source: EPA Telephone: 202-564-4267 Last EDR Contact: 02/14/2011 Next Scheduled EDR Contact: 05/30/2011 Data Release Frequency: No Update Planned

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 Date Data Arrived at EDR: 01/13/2011 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 15

Source: EPA Telephone: N/A Last EDR Contact: 01/13/2011 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 Date Data Arrived at EDR: 12/30/2010 Date Made Active in Reports: 02/25/2011 Number of Days to Update: 57

Source: EPA Telephone: 703-412-9810 Last EDR Contact: 03/01/2011 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 EPAa??s Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010 Date Data Arrived at EDR: 01/11/2011 Date Made Active in Reports: 02/16/2011 Number of Days to Update: 36

Source: Environmental Protection Agency Telephone: 703-603-8704 Last EDR Contact: 01/11/2011 Next Scheduled EDR Contact: 04/25/2011 Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

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CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned 200,49 Sec. Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status agent etc. 13: We have indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined The second secon Tanàna ao Ing 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 Date Data Arrived at EDR: 12/01/2010 Date Made Active in Reports: 02/25/2011 Number of Days to Update: 86

Source: EPA Telephone: 703-412-9810 Last EDR Contact: 03/01/2011 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.

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 1. A vaincludes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste White Library ful as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate Provent New York 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

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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 Acception water states selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste An 的资料, Shaki 🖕 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

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 Date Data Arrived at EDR: 01/14/2011 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 14

Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 03/14/2011 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 Date Data Arrived at EDR: 01/14/2011 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 14 Source: Environmental Protection Agency . Telephone: 703-603-0695 Last EDR Contact: 03/14/2011 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.

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State- and tribal - equivalent CERCLIS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list. See the federal CERCLIS list and Federal NPL list. See the federal CERCLIS list are the states' equivalent to CERCLIS. These sites and the federal CERCLIS list. Priority sites planned for cleanup using state funds the sites where cleanup will be paid for by potentially

responsible parties. Available information varies by state.

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: Department of the Environment Telephone: 505-827-2918 Last EDR Contact: 01/03/2011 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 Date Data Arrived at EDR: 07/21/2009 Date Made Active in Reports: 08/13/2009 Number of Days to Update: 23 Source: Environment Department Telephone: 505-827-2855 Last EDR Contact: 01/06/2011 Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Varies

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

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 Date Data Arrived at EDR: 08/16/2010

Date Made Active in Reports: 08/31/2010

Number of Days to Update: 15

Source: New Mexico Environment Department Telephone: 505-827-0347 Last EDR Contact: 02/14/2011 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 Date Data Arrived at EDR: 10/06/2006 Date Made Active in Reports: 11/08/2006 Number of Days to Update: 33 Source: New Mexico Environment Department Telephone: 505-476-4397 Last EDR Contact: 03/07/2011 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 Date Data Arrived at EDR: 05/01/2006 Date Made Active in Reports: 06/05/2006 Number of Days to Update: 35 Source: Environment Department Telephone: 505-476-4397 Last EDR Contact: 01/10/2011 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 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: 303-312-6271 Last EDR Contact: 01/31/2011 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 Date Data Arrived at EDR: 05/04/2010 Date Made Active in Reports: 07/07/2010 Number of Days to Update: 64 Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/04/2010 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 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: 214-665-6597 Last EDR Contact: 01/31/2011 Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

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

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian Iand in Florida, Mississippi and North Carolina.

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: 404-562-8677 Last EDR Contact: 02/16/2011 Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Semi-Annually

State and tribal registered storage tank lists

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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
Date Data Arrived at EDR: 09/27/2006
Date Made Active in Reports: 10/23/2006
Number of Days to Update: 26

Source: New Mexico Environment Department Telephone: 505-476-4397 Last EDR Contact: 03/08/2011 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 Date Data Arrived at EDR: 09/27/2006 Date Made Active in Reports: 10/20/2006 Number of Days to Update: 23 Source: Environment Department Telephone: 505-476-4397 Last EDR Contact: 03/08/2011 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).

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

enter of the Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian

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

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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).

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 Lisitng

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

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

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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 and the second second and an end (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the Recovering reasoning and application process. 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 10000 Control of the second of 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

manufacture of the Part 257 or Part 258 Subtitle D Criteria.

normal procession 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

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 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008 Number of Days to Update: 52

Source: Environmental Protection Agency Telephone: 703-308-8245 Last EDR Contact: 02/08/2011 Next Scheduled EDR Contact: 05/23/2011 Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

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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 Date Data Arrived at EDR: 12/30/2010 Date Made Active in Reports: 02/16/2011 Number of Days to Update: 48

Source: Drug Enforcement Administration Telephone: 202-307-1000 Last EDR Contact: 03/08/2011 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 Date Data Arrived at EDR: 01/26/2011 Date Made Active in Reports: 02/25/2011 Number of Days to Update: 30

Source: Environment Department Telephone: 505-476-6000 Last EDR Contact: 01/26/2011 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 process state as a second provide the found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. The structure transference 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 Date Data Arrived at EDR: 11/19/2008 Date Made Active in Reports: 03/30/2009 Number of Days to Update: 131 المعاقب المستوي المراجع التجريح الإمرا - - -

Source: Drug Enforcement Administration Telephone: 202-307-1000 Last EDR Contact: 03/23/2009 Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

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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 Date Data Arrived at EDR: 11/16/2010 Date Made Active in Reports: 02/16/2011 Number of Days to Update: 92

Source: Environmental Protection Agency Telephone: 202-564-6023 Last EDR Contact: 01/31/2011 Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies:

LUCIS: Land Use Control Information System

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

Source: Department of the Navy

Next Scheduled EDR Contact: 06/06/2011 Data Release Frequency: Varies

Last EDR Contact: 02/22/2011

Telephone: 843-820-7326

- 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

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

ಗ್ರಾರ್.ಕರ್ಷಕ್ರ ಭಾರಮಕ ಮುಖ್ಯಕ್ರಮಕ್ರಮಕ್ರಮ ಗ್ರಾಮಕ್ರಮಕ್ರಮಕ್ರಮ ಗ್ರಾಮಕ್ರಮಕ್ರಮಕ್ರಮಕ್ರ	ایل د ". به هیرس ب	RCRAInfo is EPA's comprehensive information and Recovery Act (RCRA) of 1976 and the Haz includes selective information on sites which ge as defined by the Resource Conservation and F waste.	system, providing access to data supporting the Resource Conservation ardous and Solid Waste Amendments (HSWA) of 1984. The database enerate, transport, store, treat and/or dispose of hazardous waste Recovery Act (RCRA). Non-Generators do not presently generate hazardous
en Line (Constant) San Const Constant (Constant) San Carlos San Carlos Carlos Carlos San Carlos Carlos Carlos Carlos (Constant)	> 	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
e Romania de Serve	DOT	OPS: Incident and Accident Data Department of Transporation, 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 Transporation, 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 adr have any area equal to or greater than 640 acro	ninistered lands, administered by the Department of Defense, that es 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

	FUDS: Formerly Used Defense Sites The listing includes locations of Formerly Use is actively working or will take necessary clear	ed Defense Sites properties where the US Army Corps of Engineers inup actions.	
	Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 08/12/2010 Date Made Active in Reports: 12/02/2010 Number of Days to Update: 112	Source: U.S. Army Corps of Engineers Telephone: 202-528-4285 Last EDR Contact: 03/15/2011 Next Scheduled EDR Contact: 06/27/2011 Data Release Frequency: Varies	
	CONSENT: Superfund (CERCLA) Consent Decre Major legal settlements that establish respon periodically by United States District Courts a	es sibility and standards for cleanup at NPL (Superfund) sites. Released ifter settlement by parties to litigation matters.	
	Date of Government Version: 10/01/2010 Date Data Arrived at EDR: 10/29/2010 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 91	Source: Department of Justice, Consent Decree Library Telephone: Varies Last EDR Contact: 01/03/2011 Next Scheduled EDR Contact: 04/18/2011. Data Release Frequency: Varies	
	ROD: Records Of Decision Record of Decision. ROD documents manda and health information to aid in the cleanup.	te a permanent remedy at an NPL (Superfund) site containing technical	
	Date of Government Version: 02/25/2011 Date Data Arrived at EDR: 03/16/2011 Date Made Active in Reports: 03/21/2011 Number of Days to Update: 5	Source: EPA Telephone: 703-416-0223 Last EDR Contact: 03/16/2011 Next Scheduled EDR Contact: 06/27/2011 Data Release Frequency: Annually	
aparana Selectronada Reconstruction Activations and Activations and	UMTRA: Uranium Mill Tailings Sites State - Uranium ore was mined by private companie State - Shut down, large piles of the sand-like materia State - State ore.: Levels of human exposure to radioa were used as construction materials before the	s for federal government use in national defense programs. When the mills al (mill tailings) remain after uranium has been extracted from ctive materials from the piles are low; however, in some cases tailings he potential health hazards of the tailings were recognized.	•••
194 194 194 194 194 194 194 194 194 194	Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/21/2010 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 99	Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 03/04/2011 Next Scheduled EDR Contact: 06/13/2011 Data Release Frequency: Varies	
- moleculo I.s.e. P	MINES: Mines Master Index File Contains all mine identification numbers issu violation information.	ed for mines active or opened since 1971. The data also includes	
	Date of Government Version: 08/04/2010 Date Data Arrived at EDR: 09/09/2010 Date Made Active in Reports: 12/02/2010 Number of Days to Update: 84	Source: Department of Labor, Mine Safety and Health Administration Telephone: 303-231-5959 Last EDR Contact: 03/09/2011 Next Scheduled EDR Contact: 06/20/2011 Data Release Frequency: Semi-Annually	
	TRIS: Toxic Chemical Release Inventory System Toxic Release Inventory System. TRIS identi land in reportable quantities under SARA Titl	fies facilities which release toxic chemicals to the air, water and e III Section 313.	
	Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/17/2010 Date Made Active in Reports: 03/21/2011 Number of Days to Update: 94	Source: EPA Telephone: 202-566-0250 Last EDR Contact: 03/01/2011 Next Scheduled EDR Contact: 06/13/2011 Data Release Frequency: Annually	

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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 Source: EPA Telephone: 202-260-5521 Date Data Arrived at EDR: 09/29/2010 Last EDR Contact: 12/29/2010 Date Made Active in Reports: 12/02/2010 Next Scheduled EDR Contact: 04/11/2011 Number of Days to Update: 64 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. Source: EPA/Office of Prevention, Pesticides and Toxic Substances Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Telephone: 202-566-1667 Last EDR Contact: 02/28/2011 Date Made Active in Reports: 05/11/2009 Next Scheduled EDR Contact: 06/13/2011 Number of Days to Update: 25 Data Release Frequency: Quarterly #ETTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) 138 12 A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements. Date of Government Version: 04/09/2009 Source: EPA Date Data Arrived at EDR: 04/16/2009 Telephone: 202-566-1667 Date Made Active in Reports: 05/11/2009 Last EDR Contact: 02/28/2011 Number of Days to Update: 25 Next Scheduled EDR Contact: 06/13/2011 Data Release Frequency: Quarterly HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing a carbon of same the advectory A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The Amenanical Mathemation was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA The state of the second s 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 Source: Environmental Protection Agency Date Data Arrived at EDR: 03/01/2007 Telephone: 202-564-2501 Last EDR Contact: 12/17/2007 Date Made Active in Reports: 04/10/2007 Next Scheduled EDR Contact: 03/17/2008 setter: INT used in Number of Days to Update: 40 a sugaran sugar sa a Data Release Frequency: No Update Planned HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing #74.94 COREAN 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 المأتيفين المراجع والمتراجع 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. Source: Environmental Protection Agency 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

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Telephone: 202-564-2501 Last EDR Contact: 12/17/2008 Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned
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 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011 Number of Days to Update: 77

Source: EPA Telephone: 202-564-4203 Last EDR Contact: 01/31/2011 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 Date Data Arrived at EDR: 01/21/2011 Date Made Active in Reports: 03/21/2011 Number of Days to Update: 59

Source: Environmental Protection Agency Telephone: 202-564-5088 Last EDR Contact: 12/23/2010 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 Date Data Arrived at EDR: 11/10/2010 | Date Made Active in Reports: 02/16/2011 Number of Days to Update: 98

Source: EPA Telephone: 202-566-0500 Last EDR Contact: 01/21/2011 Next Scheduled EDR Contact: 05/02/2011 Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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encode and states of a 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 Date Data Arrived at EDR: 04/06/2010 Date Made Active in Reports: 05/27/2010 Number of Days to Update: 51

Source: Nuclear Regulatory Commission Telephone: 301-415-7169 Last EDR Contact: 03/14/2011 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 Date Data Arrived at EDR: 01/13/2011 Date Made Active in Reports: 02/16/2011 Number of Days to Update: 34 '' /

Source: Environmental Protection Agency Telephone: 202-343-9775 Last EDR Contact: 01/13/2011 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).

, ,)	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
	RAA	TS: RCRA Administrative Action Tracking Sy RCRA Administration Action Tracking Syster pertaining to major violators and includes add actions after September 30, 1995, data entry the database for historical records. It was new made it impossible to continue to update the	stem n. RAATS contains records based on enforcement actions issued under RCRA ministrative and civil actions brought by the EPA. For administration in the RAATS database was discontinued. EPA will retain a copy of cessary to terminate RAATS because a decrease in agency resources information contained in the database.
	į .	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
ೆ ಆಸ್ಟ್ 10 ್ಟ್ರೆ 20 ಮಾಲಕ್ (ಡಿ. ನಿಡಿಸಿ	BRS	: Biennial Reporting System The Biennial Reporting System is a national and management of hazardous waste. BRS (and Treatment, Storage, and Disposal Facilit	system administered by the EPA that collects data on the generation captures detailed data from two groups: Large Quantity Generators (LQG) ies.
		Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 02/25/2010	Source: EPA/NTIS Telephone: 800-424-9346
e de la composition de La composition de la c	(****** **	Number of Days to Update: 76	Next Scheduled EDR Contact: 06/13/2011 Data Release Frequency: Biennially
e o stand en so o stand o so o stand e so	DRY	CLEANERS: Drycleaner Facility Listing A listing of drycleaner facility locations. The li different management.	Isting may contain facilities that are no longer there, or under
	DRY	CLEANERS: Drycleaner Facility Listing A listing of drycleaner facility Listing 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	Last EDR Contact: 03/01/2011 Next Scheduled EDR Contact: 06/13/2011 Data Release Frequency: Biennially isting may contain facilities that are no longer there, or under 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
	DRY	CLEANERS: Drycleaner Facility Listing A listing of drycleaner facility locations. The li 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	Last EDR Contact: 03/01/2011 Next Scheduled EDR Contact: 06/13/2011 Data Release Frequency: Biennially isting may contain facilities that are no longer there, or under 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 onal Pollutant Discharge Elimination System) permits.
		 Date Made Active in Reports: 05/12/2010 Number of Days to Update: 76 CLEANERS: Drycleaner Facility Listing A listing of drycleaner facility locations. The li 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 ES: List of Discharge Permits General information regarding NPDES (Nation 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 	Last EDR Contact: 03/01/2011 Next Scheduled EDR Contact: 06/13/2011 Data Release Frequency: Biennially isting may contain facilities that are no longer there, or under 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 onal Pollutant Discharge Elimination System) permits. 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
	NPD	 Date Made Active in Reports: 05/12/2010 Number of Days to Update: 76 CLEANERS: Drycleaner Facility Listing A listing of drycleaner facility locations. The li 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 ES: List of Discharge Permits General information regarding NPDES (Nation Date Data Arrived at EDR: 04/13/2010 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 ESTOS: List of Asbestos Demolition and Ren Asbestos is a common fibrous rock found wo It has been used in over 3000 different produ tiles, roofing shingles, clutch facings, water p boxes, clapboard, wallboard, fire doors, fire doors. 	Last EDR Contact: 03/01/2011 Next Scheduled EDR Contact: 06/13/2011 Data Release Frequency: Biennially isting may contain facilities that are no longer there, or under 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 onal Pollutant Discharge Elimination System) permits. 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 novations Jobs uridwide which has been used in various products for over 4500 years. Inters such as textiles, paper, ropes, wicks, stoves, filters, floor ipe, cements, fillers, felt, fireproof clothing, gaskets, battery curtains, insulation, brake linings, etc.

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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 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007 Number of Days to Update: 34 Source: USGS Telephone: 202-208-3710 Last EDR Contact: 01/21/2011 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 Date Data Arrived at EDR: 09/01/2010 Date Made Active in Reports: 12/02/2010 Number of Days to Update: 92 Source: Environmental Protection Agency Telephone: 615-532-8599 Last EDR Contact: 02/22/2011 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 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011 Number of Days to Update: 77

Source: Environmental Protection Agency Telephone: N/A Last EDR Contact: 03/18/2011 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 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009 Number of Days to Update: 76 Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 01/18/2011 Next Scheduled EDR Contact: 05/02/2011 Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Here Constant States Lands included are administrated ands of the United States. Lands included are administrated by: Army Corps Here Dave, Hereich States of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Here Anti-States are written Wilderness; Wilderness; Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Here Anti-States are written with the States are written and Wildlife Service, National Park Service.

> Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007 Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 01/21/2011 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 Date Data Arrived at EDR: 02/18/2009 Date Made Active in Reports: 05/29/2009 Number of Days to Update: 100 Source: Environmental Protection Agency Telephone: 202-566-0517 Last EDR Contact: 02/04/2011 Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary 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)

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- Context - Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be A we have a second to the existence of wetlands information data in a specific report does not mean that all wetlands in the at the resonance 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:

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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.

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

36.76390 - 36° 45' 50.0" Latitude (North): Longitude (West): Universal Tranverse Mercator: UTM X (Meters): UTM Y (Meters): Elevation:

107.9756 - 107° 58' 32.2" Zone 13 234385.9 4072609.2 5771 ft. above sea level

USGS TOPOGRAPHIC MAP

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Mar. Car

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

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





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).

Not Reported

Not Reported

FEMA FLOOD ZONE

Target Property County SAN JUAN, NM

FEMA Flood **Electronic Data** Not Available

Flood Plain Panel at Target Property:

Additional Panels in search area:

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property AZTEC

NWI Electronic Data Coverage 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 concernsion mental professional in forming an opinion about the impact of nearby contaminated properties or, should dant and enclosed on the target property, what downgradient sites might be impacted.

> Site-Specific Hydrogeological Data*: Search Radius: 1.25 miles Status: Not found

AQUIFLOW®

13 6° 57 -

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.

> MAP ID Not Reported

FROM TP

LOCATION

GENERAL DIRECTION GROUNDWATER FLOW

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 Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information Service 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

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100.000

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Boundary			Classific		fication		
Layer	Upper Lower Sc		Soil Texture Class	AASHTO Group Unified Soil		Permeability Rate (in/hr)	Soil Reaction (pH)
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						ماکن میں تیں جو میں میں اور میں تیں ہے۔ میں میں اور
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

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

مبسوقه وإنه

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID No Wells Found

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WELL ID

LOCATION FROM TP

LOCATION

FROM TP

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

1 MAP ID WELL ID No PWS System Found

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	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
······································	NMOG4000085433	0 - 1/8 Mile NNW
· 2 /	NMOG4000085371	0 - 1/8 Mile SSW
A3	NMOG4000085601	1/8 - 1/4 Mile NNE
A4 😳	NMOG4000085640	1/8 - 1/4 Mile NNE
5	NMOG4000085434	1/8 - 1/4 Mile West
6	NMOG4000085381	1/8 - 1/4 Mile ESE
. 7	NMOG4000085698	1/8 - 1/4 Mile NNW
B8 .	NMOG4000085429	1/4 - 1/2 Mile West
9	NMOG4000085259	1/4 - 1/2 Mile South
B10	NMOG4000085469	1/4 - 1/2 Mile West
C11 /	NMOG4000085363	1/4 - 1/2 Mile WSW
n (12)/ /	NMOG4000085603	1/4 - 1/2 Mile WNW
C13 /	NMOG4000085364	1/4 - 1/2 Mile WSW
B14	NMOG4000085496	1/4 - 1/2 Mile West
15 🔂	NMOG4000085203	1/4 - 1/2 Mile SSE
16	NMOG4000085438	1/4 - 1/2 Mile West
17	NMOG4000085082	1/4 - 1/2 Mile South
18	NMOG4000085115	1/2 - 1 Mile SSE
19	NMOG4000085206	1/2 - 1 Mile SW
20	NMOG4000085329	1/2 - 1 Mile WSW
21	NMOG4000085891	1/2 - 1 Mile NNW
D22	NMOG4000085966	1/2 - 1 Mile NNE
D23	NMOG4000085984	1/2 - 1 Mile NNE
24	NMOG4000085599	1/2 - 1 Mile East
25	NMOG4000085008	1/2 - 1 Mile SSW
E26	NMOG4000085096	1/2 - 1 Mile SW
27	NMOG4000085201	1/2 - 1 Mile ESE
28	NMOG4000086003	1/2 - 1 Mile NNW
29	NMOG4000085833	1/2 - 1 Mile NE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAPID	WELL ID.
30	NMOG4000085046
E31	NMOG4000085039
32	NMOG4000085935
33	NMOG4000084918
F34 /	NMOG4000086017
35	NMOG4000085596
36	NMOG4000085837
37	NMOG4000085491
38 /	NMOG4000085995
F39	NMOG4000086072
40 /	NMOG4000084893
41 /	NMOG4000086093
42	NMOG40000084782
G43 /	NMOG4000085210
44	NMOG4000084891
G45 /	NMOG4000085219
H46	NMOG4000085530
H47	NMOG4000085595

LOCATION FROM TP							
1/2 - 1 Mile SE							
1/2 - 1 Mile SW							
1/2 - 1 Mile NE							
1/2 - 1 Mile South							
1/2 - 1 Mile NW							
1/2 - 1 Mile West							
1/2 - 1 Mile NE							
1/2 - 1 Mile East							

1/2 - 1 Mile East 1/2 - 1 Mile NW 1/2 - 1 Mile NW 1/2 - 1 Mile SSW 1/2 - 1 Mile SSW 1/2 - 1 Mile SSU 1/2 - 1 Mile WSW 1/2 - 1 Mile WSW 1/2 - 1 Mile WSW 1/2 - 1 Mile WSW

1/2 - 1 Mile West

TC3023357.1s Page A-7

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PHYSICAL SETTING SOURCE MAP - 3023357.1s



SITE NAME: Martin 34 No. 2 ADDRESS: Utah/Provo Bloomfield NM 874 LAT/LONG: 36.7639 / 107.9750	13	CLIENT: CONTACT: INQUIRY #: DATE:	Tetra Tech, Inc. Cassie Brown 3023357.1s March 25, 2011 11:48 am	
		Copyrigh	nt © 2011 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.	

levation			÷	Database	EDR ID Number
outh /2 - 1 Mile ower			· · ·	NM WELLS	NM3000000139531
Objectid:		201378			
Pod rec nb:		135539		, · · ·	
Pod basin:		SJ	Pod nbr:	01995	
Pod suffix:		Not Reported	·	· .	
Northing:		4071994			
Easting:		234260			
Grant :	t	Not Reported	County:	SJ	
Tws:	1	29N	Rng:	11W	
Sec:	2	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		Ϊ.	
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:	ţ	NM	Zip:	87413	
Use:		72-12-1 DOMESTIC O	NE HOUSEHOLD		
Total div:		- 3			
Site id:	•	NM300000139531			•

2 SSW 1/2 - 1 Mile Lower

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NM WELLS

NM300000139430

Objectid: Pod rec nb: Pod basin: Pod suffix: Northing: Easting: Grant : Tws: Sec: Qtr 16th: Start date: Plug date: Depth well: Grnd wtr s: Depth wate: Estimate y: Casing siz: Subdiv nam: Wrats s id: Legal desc: Pod name: Elevation: Aquifer: Lat deg: Lat min: Lat sec: Lon deg: Lon min: Lon sec: Pod status: Utm zone: Utm accura: Map nbr: Oid : Own end da: Own fname: Addr2: State: Use: Total div: Site id:

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201298 135905 SJ Not Reported 4071417 233625 Not Reported 29N 03 Not Reported 11/26/84 03/09/88 0 Not Reported 0 0 0 I Not Reported 0 Not Reported Not Reported 0 Not Reported 0 0 0 0 0 0 Not Reported 13 0 Not Reported 19633 12/30/99 PATRICIA Not Reported NM 72-12-1 DOMESTIC ONE HOUSEHOLD 0 NM300000139430

Pod nbr: County: Rng: Qtr 4th: Qtr 64th: Finish dat: Blk:

Ditch name:

Utm source:

Tract nbr:

Utm error:

Own Iname:

Addr1:

City:

Zip:

HARGIS P. O. BOX 1714 BLOOMFIELD 87413

Not Reported

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SJ 11W

3

Not Reported

Not Reported

12/12/84

Map ID

1

Direction Distance			Database	EDR ID Number
1 NNW			OIL GAS	NMOG4000085433
0 - 1/8 Mile			-	
Acres:	320			
Api:	3004508934	Operator:	CONOCOPHILLIPS	S COMPANY
Plug date:	07/22/1980	Producing :	71599	
Property:	31583	Range:	11W	
Sdiv ul:	0	Section:	34	
Spud date:	03/21/1961	Township:	30.0N	
Tvd depth:	6770	Water inj :	0	
Water inj1:	0	Water in 1:	0	
Water prod: /	108	Water pr 1:	107	
Water pr 2:	O 2	Well name:	MARTIN 34 002	
Well type:	G			
Complistat:	Active			
County:	San Juan	Days prod :	365	
Davs prod1:	365	Days pro 1:	0	
Fleval	5760	Ew cd:	Ē	
Eta ew:	1850	Eta ns:	990	
Gas prod 2	32818	Gas prod 3:	30365	
Gas prod 4:	0	Land type:	P	
Last prod :	2000 12	Land type.	r	
Last prou	2009-12			
	107 075605566			
Longitude:	-107.975625566	No di	0	
		NS CO:	5	
	· · 0	Ogrid cde:	21/81/	
Oil prod 2:	107	Oil prod 3:		
Site id:	NMOG40000085433	One produc:	BASIN DAKOTA (F	RORATED GAS)
2 SSW 0 - 1/8 Mile		i	OIL_GAS	NMOG4000085371
Acres:	0			
Ani [.]	3004508902	Operator:	GOODRUM	
Plug date:	07/22/1980	Producing	0	
Property: /	30041	Bange:	11W	
Sdiv ul:	0	Section	34	
Soud date:	07/21/1959	Townshin:	30 ON	•
Tyd denth:	0	Water ini :	0	
Water init:	0	Water in 1:	õ	
Water nrod	0	Water or 1	Ö	
Water prou. 7	0	Water print.		
Waller pr 2.	0 . G	weir name.	EC BRAWLET OUT	
Complistat:	Blugged			
Compristat:		Dava prod -	0	
County: Dove prod4:	San Juan	Days prod :	0	
Days prod1:	U	Days pro 1:	U E	
Elevgi:	5/49	Ew ca:	E .	•
Ftg ew:	2000	Ftg ns:	500	
Gas prod 2:	0	Gas prod 3:	0	
Gas prod 4:	0	Land type:	P	
Last prod :	Not Reported			
Latitude:	36.7625992852			

17.

Longitude: Nbr compls: Ocd ul: Oil prod 2: Oil prod 4: Site id:	\$	-107.976129558 0 O 0 0 NMOG4000085371	Ns cd: Ogrid cde: Oil prod 3: One produc:	S 214263 0 Not Reported	· · · · · · · · · · · · · · · · · · ·
A3 NNE 1/8 - 1/4 Mile			!	OIL_GAS	NMOG4000085601
Acres:		80			
Api:	, · ·	3004508980	Operator:	BURLINGTON RE	SOURCES OIL ; GAS COMPANY LP
Plug date:)	11/11/2004	Producing :	0	·
Property:	1	7290	Range:	11W	
Sdiv ul:	ļ.	J	Section:	. 34	
Spud date:	1	05/16/1963	Township:	30.0N	
Tvd depth:		2154	Water inj :	0	
Water inj1:)	0	Water in 1:	0	
Water prod:	j	0	Water pr 1:	0	
Water pr 2:	• •	2.0	Well name:	MARTIN 002	
Well type:		G			
Complistat:		Plugged		•	
County:	j	San Juan	Days prod :	U	
Days prod1:		0	Days pro 1:	U	
Elevgi:	1:	5784		E 1650	
Fig ew:	, '	1650	Fig ns:	1650	
Gas prod 2:		0	Gas prod 3:	U	· · ·
Gas prod 4:	•	2002.05	Land type:	F	
Last prou .		2003-03			
Landude:		-107 97/9537/3			
Nhr comple:	;	2	Ns cd	S	
Ocd ul:	,	1	Ogrid cde:	14538	
Oil prod 2	1	0 0	Oil prod 3	0	<u>1</u>
Oil prod 4		10	One produc:	Not Reported	
Site id:	- I	NMOG4000085601			
				·	
A4 NNE 1/8 1/4 Mile			· · ·	OIL_GAS	NMOG4000085640

NNE //8 - 1/4 Mile		`	OIL_GAS	NMOG40000856
Acres:	120			
Api:	3004530922	Operator:	AGUA MOSS, LLC	
Plug date:	07/18/2003	Producing :	0	
Property:	303420	Range:	11W	
Sdiv ul:	· J	Section:	34	
Spud date:	05/14/2002	Township:	30.0N	
Tvd depth:	12991	Water inj :	2753074	
Water ini1:	2258069	Water in 1:	132741	
Water prod:	0	Water pr 1:	· 0	
Water pr 2:	0	Well name:	PRETTY LADY 30 11	34 001
•				

Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Latitude: Longitude: Nbr compls: Ocd ul: Oil prod 2: Oil prod 4:

Active San Juan 0 5789 1475 0 0 Not Reported 36.7660558601 -107.974356006 3 J

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Not Reported 36.7639524344

-107.979191763

NMOG4000085434

Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type: Ns cd: Ogrid cde: Oil prod 3:

One produc:

Operator:

Range:

Section:

Township:

Water inj :

Water in 1:

Water pr 1:

Well name:

Days prod :

Days pro 1:

Gas prod 3:

Land type:

Ew cd:

Ftg ns:

Ns cd:

Ogrid cde:

Oil prod 3:

One produc:

Producing :

S 247130 0 Not Reported

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West 1/8 - 1/4 Mile

Site id:

Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Latitude: Longitude: Nbr compls: Ocd ul: Oil prod 2: Oil prod 4:

NMOG4000085640

OIL_GAS PRE-ONGARD WELL OPERATOR 0 11W 34 30.0N 0 0 0 PRE-ONGARD WELL 002 0 0 w 990 0 Р s

214263 0 Not Reported

ESE 1/8 - 1/4 Mile

Site id:

OIL_GAS

NMOG4000085381

NMOG4000085434

Operator:

Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Latitude: Longitude: Nbr compls: Ocd ul: Oil prod 2: Oil prod 4: Site id:

321.87 3004534431 01/22/2009 7290 13 04/14/2008 2274 0 153 0 G Active San Juan 365 5764 815 15044 0 2009-12 36.7630564796 -107.972069818 1 P 0 0.

NMOG4000085381

Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type:

Ns cd: Ogrid cde: Oil prod 3: One produc: S 14538 0

71629

11W

30.0N

34

0

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153

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60850

0 E

MARTIN 100

BASIN FRUITLAND COAL (GAS)

BURLINGTON RESOURCES OIL ; GAS COMPANY LP

NNW OIL_GAS NMOG4000085698 1/8 - 1/4 Mile Acres: 40 PRE-ONGARD WELL OPERATOR Api: 3004508991 Operator: 09/28/1955 Producing : Plug date: 0 Property: 30041 Range: 11W Sdiv ul: J Section: 34 30.0N 08/03/1958 Spud date: Township: Tvd depth: 1355 Water ini : 0 Water inj1: 0 Water in 1: 0 Water pr 1: 0 Water prod: 0) PRE-ONGARD WELL 003 Water pr 2: 0 Well name: Well type: W Compl stat: Plugged County: San Juan Days prod : 0 0 Days prod1: 0 Days pro 1: Е Elevgl: 5792 Ew cd: Ftg ew: 2190 Ftg ns: 2190 0 Gas prod 3: Gas prod 2: 0 Land type: Ρ Gas prod 4: 0 Last prod : Not Reported 36.7672428247 Latitude: Longitude: -107.97681684 Nbr compls: Ns cd: s Ogrid cde: 214263 Ocd ul: . Oil prod 3: Oil prod 2: 0 0 Oil prod 4: One produc: Not Reported 0 NMOG4000085698 Site id:

Ftg ns: Gas prod 3:

Ns cd:

Ogrid cde:

Oil prod 3:

Operator:

Range:

Section:

Township:

Producing :

One produc:

Land type:

Map ID
Direction
Distance

	·			
B8 West 1/4 - 1/2 Mile				OIL_GAS
Acres:		0 .		
Api:		3004508928	Operator:	PHILLIPS & SPENCE
Plug date:		07/22/1980	Producing :	0
Property:		30041	Range:	11W
Sdiv ul:	•	N	Section:	34
Spud date:	:	03/28/1964	Township:	30.0N
Tvd depth:	•	0	Water inj :	0
Water inj1:	1	0	Water in 1:	0
Water prod:)	0	Water pr 1:	0
Water pr 2:		2 0	Well name:	MARTIN 002
Well type:		G		
Compl stat:		Plugged		
County:)	San Juan	Days prod :	0
Days prod1:	;	0	Days pro 1:	0
Elevgi:	1	5797	Ew cd:	W

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Not Reported

OIL_GAS

Database

NMOG4000085429

EDR ID Number

9	
South	
1/4 - 1/2	Mile

Ftg ew:

Gas prod 2:

Gas prod 4:

Last prod :

Nbr compls:

Oil prod 2:

Oil prod 4:

Latitude: Longitude:

Ocd ul:

Site id:

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Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod :

Latitude:

2 04/28/2004 2233 0 3678 0 G Active San Juan 365 5726

1670

Not Reported 36.7639026633

-107.981386369

NMOG4000085429

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305.47

21334

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114467

2009-12

36.7591200614

:3004532210

12/27/2006

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Water inj : Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3:

Land type:

ENERGEN RESOURCES CORPORATION 71629 11W 3 29.0N 0 2480 MCCLURE 001S

NMOG4000085259

0

Longitude: Nbr compls: Ocd ul: Oil prod 2: Oil prod 4: Site id:	}	-107.975361777 1 B 0 0 NMOG4000085259	Ns cd: Ogrid cde: Oil prod 3: One produc:	N 162928 0 BASIN FRUITLAND COAL (GAS)
B10 West 1/4 - 1/2 Mile				OIL_GAS NMOG40000085469
Acres:		0		
Api:		3004508942	Operator:	MCCOY & PHILLIPS
Plug date:)	07/25/1980	Producing :	0
Property:	· /	30041	Range:	11W
Sdiv ul:	1	Ν	Section:	34
Spud date:		02/25/1957	Township:	30.0N
Tvd depth:)	0	Water inj :	0
Water inj1:	•	0	Water in 1:	0
Water prod:	J	0	Water pr 1:	0
Water pr 2:	· · ·	0	Well name:	DAVID A MARTIN 001
Well type:		G		
Compl stat:		Plugged		
County:	•	San Juan	Days prod :	0
Days prod1:	•	0	Days pro 1:	0
Elevgl:	1	5725	Ew cd:	W
Ftg ew:	ł	1540	Ftg ns:	1100
Gas prod 2:		0	Gas prod 3:	0
Gas prod 4:		0	Land type:	Р
Last prod :		Not Reported		
Latitude:		36.764260778	÷	
Longitude:		-107.981830978	:	
Nbr compls:	;	0	Ns cd:	S
Ocd ul:	,	Ν	Ogrid cde:	214263
Oil prod 2:	;	0 ·	Oil prod 3:	0
Oil prod 4:	1	i O	One produc:	Not Reported
Site id:		NMOG4000085469		

C11 WSW 1/4 - 1

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/SW /4 - 1/2 Mile	•	·)	OIL_GAS	NMOG40000085363
Acres:	40			
Api:	3004525434	Operator:	LEE M CRANE	
Plug date:	04/11/1997	Producing :	48260	
Property:	3337	Range:	11W	
Sdiv ul:	N	Section:	34	
Spud date:	11/01/1982	Township:	30.0N	
Tvd depth:	1364	Water inj :	0	
Water inj1:	0	Water in 1:	0	
Water prod:	0	Water pr 1:	0	
Water pr 2:	0	Well name:	MARTIN 004	

Well type:			G			
Compl stat:			Active			
County:			San Juan	Days prod :	365	
Days prod1:	:		365	Days pro 1:	0	
Eleval:			5788	Ew cd:	W	
Ftg ew:	1		1650	Fta ns:	330	
Gas prod 2:	7		1392	Gas prod 3:	1537	
Gas prod 4:			0	Land type:	P	
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:	1		0	Oil prod 3:	0	
Oil prod 4:			0	One produc:		GTON
Site id			NMOG4000085363	One produc.	OOWLEETAK	
Olle Iu.			110000000000000000000000000000000000000			
					•	
12 WNW 1/4 - 1/2 Mile		1	1997 - 19		OIL_GAS	NMOG4000085603
Acres:			40			
Api:	ಗಳಲ್ಲಿನ		3004508978	Operator:	BURLINGTON RE	SOURCES OIL ; GAS COMPANY LF
Plug date:	•		12/27/1993	Producing :	· 0	
Property:	1		7290	Range:	11W	
Sdiv ul:	ļ.		10	Section:	34	
Spud date:	1	1	05/17/1953	Township:	30.0N	
Tvd depth:			2160	Water inj :	0	
Water inj1:	`		0	Water in 1:	0	
Water prod:			0	Water pr 1:	0	
Water pr 2:			0	Well name:	MARTIN 001	
Well type:			G			
Compl stat:			Plugged			
County:	1		San Juan	Days prod :	0	
Davs prod1:	•		0	Days pro 1:	0	
Eleval:	1		5809	Ew cd:	W	
Eta ew:	.)		1650	Fta ns:	1650	
Gas prod 2)		0	Gas prod 3:	0	
Gas prod 4	1		0	Land type:	F	
Last prod :	•		Not Reported			
Latitude:			36 7657705549			
Longitude:			-107 981449006			
Nhr comple			1	Ns.cd [.]	, s	
Ocd ul:	, ,	:	ĸ	Oarid cde	14538	
Oil prod 2		•	0	Oil nrod 3:	0	
on piùu z.			v	on prou o.	v	
Oil prod A:	1	•	i n .	One product	Not Reported	
Oil prod 4: Site id:	,		0 NMOG4000085603	One produc:	Not Reported	

C13 WSW 1/4 - 1/2 Mile

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OIL_GAS

NMOG4000085364

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Site id:

NMOG4000085496

Acres:		40		
Api:		3004508893	Operator:	LEE M CRANE
Plug date:).	02/03/1959	Producing :	48260
Property	· /	3337	Range:	11W
Sdiv ul:		N	Section	34
Soud date:		02/14/1947	Townshin	30 0N
Tud dopth:)	12/19	Water ini :	0
Watar ini1:		0	Water in 1:	0
Water mjr.		0	Water or 1:	0
water prod;		U.		
water pr 2:		0	vveii name:	MARTIN 003
vveli type:		0		
Complistat:		Active		205
County:	1	San Juan	Days prod :	365
Days prod1:)	365	Days pro 1:	0
Elevgl:	1	5730	Ew cd:	W
Ftg ew:)	1570	Ftg ns:	330
Gas prod 2:	11	1392	Gas prod 3:	1537
Gas prod 4:	, 1	0 .	Land type:	P
Last prod :		2009-12		
Latitude:		36.7621456062		
Longitude:		-107.981734838		
Nbr compls:	,	1	Ns cd:	S
Ocd ul:	1	N	Oarid cde:	13215
Oil prod 2)	0	Oil prod 3	0
Oil prod 4:	· · .		One produc:	
Site id		NMOG4000085364	one produc.	OOTTELE I / A AMINTO I OTT
B14 West 1/4 - 1/2 Mile		. <u>.</u>		OIL_GAS NMOG4000085496
B14 West 1/4 - 1/2 Mile		161 96		OIL_GAS NMOG4000085496
B14 West 1/4 - 1/2 Mile Acres:		161.86	Operator	OIL_GAS NMOG40000085496
B14 West 1/4 - 1/2 Mile Acres: Api: Plus data:	•	161.86 3004560215 05/22(1050	Operator:	OIL_GAS NMOG40000085496
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Branactu:		161.86 3004560215 05/22/1959 2327	Operator: Producing : Panco:	OIL_GAS NMOG40000085496
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property:		161.86 3004560215 05/22/1959 3337	· Operator: Producing : Range:	OIL_GAS NMOG40000085496 LEE M CRANE 96539 11W 24
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul:	· ·	161.86 3004560215 05/22/1959 3337 N	Producing : Range: Section:	OIL_GAS NMOG40000085496 LEE M CRANE 96539 11W 34 20 0N
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tud date:	· · ·	161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326	Producing : Range: Section: Township: Weter in :	OIL_GAS NMOG40000085496 LEE M CRANE 96539 11W 34 30.0N 9
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Wotre init:	· · · · · ·	161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326	Producing : Range: Section: Township: Water inj : Wotor in 1:	OIL_GAS NMOG40000085496 LEE M CRANE 96539 11W 34 30.0N 0
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1:	· · · · · · · · · · · · · · · · · · ·	161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326 0	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water n 1:	OIL_GAS NMOG40000085496 LEE M CRANE 96539 11W 34 30.0N 0 0
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water pro2:	· / ! } }	161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326 0 0	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Woll name:	OIL_GAS NMOG40000085496
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pro2: Water trace	/ } }	161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326 0 0	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name:	OIL_GAS NMOG40000085496 LEE M CRANE 96539 11W 34 30.0N 0 0 0 0 0 MARTIN 001 0
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Completati	/ } }	161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326 0 0 0 0	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name:	OIL_GAS NMOG40000085496 LEE M CRANE 96539 11W 34 30.0N 0 0 0 0 0 MARTIN 001
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat:	/ } }	161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326 0 0 0 0 0 Active	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name:	OIL_GAS NMOG40000085496
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County:	/ / /)))	161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326 0 0 0 0 0 O Active San Juan	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod :	OIL_GAS NMOG40000085496 LEE M CRANE 96539 11W 34 30.0N 0 0 0 0 MARTIN 001 365
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1:	· · · · · · · · · · · · · · · · · · ·	161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326 0 0 0 0 0 Active San Juan 365	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod :	OIL_GAS NMOG40000085496
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl:	· · · · · · · · · · · · · · · · · · ·	161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326 0 0 0 0 O Active San Juan 365 5809	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd:	OIL_GAS NMOG40000085496
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew:	· · · · · · · · · · · · · · · · · · ·	161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326 0 0 0 0 O Active San Juan 365 5809 1460	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days pro 1: Ew cd: Ftg ns:	OIL_GAS NMOG40000085496
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2:	· / /))) ·	161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326 0 0 0 0 0 0 Active San Juan 365 5809 1460 4175	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3:	OIL_GAS NMOG40000085496
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pro2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4:	· · · · · · · · · · · · · · · · · · ·	161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326 0 0 0 0 0 Active San Juan 365 5809 1460 4175 0	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type:	OIL_GAS NMOG40000085496 LEE M CRANE 96539 11W 34 30.0N 0 0 0 0 0 0 0 0 0 0 0 1193 4610 P 0
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod		161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type:	OIL_GAS NMOG40000085496 LEE M CRANE 96539 96539 11W 34 30.0N 0 0 0 0 0 0 0 0 MARTIN 001 365 0 W 1193 4610 P
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Latitude:	/ / / / / / / /	161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326 0 0 0 0 O Active San Juan 365 5809 1460 4175 0 2009-12 36.7645168629	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type:	OIL_GAS NMOG40000085496 LEE M CRANE 96539 96539 11W 34 30.0N 0 0 0 0 0 0 MARTIN 001 365 0 W 1193 4610 P
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Latitude: Longitude:		161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326 0 0 0 0 O Active San Juan 365 5809 1460 4175 0 2009-12 36.7645168629 -107.982104469	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type:	OIL_GAS NMOG40000085496
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod Latitude: Longitude: Nbr compls:		161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326 0 0 0 0 O Active San Juan 365 5809 1460 4175 0 2009-12 36.7645168629 -107.982104469 1	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days prod 1: Ew cd: Ftg ns: Gas prod 3: Land type:	OIL_GAS NMOG40000085496
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod: Latitude: Longitude: Nbr compls: Ocd ul:		161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326 0 0 0 0 Active San Juan 365 5809 1460 4175 0 2009-12 36.7645168629 -107.982104469 1 N	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days prot 1: Ew cd: Ftg ns: Gas prod 3: Land type: Ns cd: Ogrid cde:	OIL_GAS NMOG40000085496
B14 West 1/4 - 1/2 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Latitude: Longitude: Nbr compls: Ocd ul: Oil prod 2:	/ /)) /	161.86 3004560215 05/22/1959 3337 N 03/20/1957 1326 0 0 0 O Active San Juan 365 5809 1460 4175 0 2009-12 36.7645168629 -107.982104469 1 N 0	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type: Ns cd: Ogrid cde: Oil prod 3:	OIL_GAS NMOG40000085496

4.1

Map ID Direction

	·	Database	EDR ID Number
· .	· .		
		OIL_GAS	NMOG4000085203
40			
3004520260	Operator:	THOMPSON ENG	R ; PROD CORP
02/21/2007	Producing :	0	
301333	Range:	11W	
1	Section:	3	
04/16/1968	Township:	29.0N	
2147	Water inj :	0	
0	Water in 1:	0	
0	Water pr 1:	0	•
0	Well name:	MARTIN 003R	
G			
Plugged	David and d	0	
	Days prod :	U	
U 5752	Days pro 1:	· U	
900	Ew cu.	E 990	
990	Gas prod 3:		
0	L and type:	5 E	
2006-01	Land type:	•	
36,7585105011			
-107.973222508			
1	Ns cd:	N	
А	Ogrid cde:	37581	
0	Oil prod 3:	0	
: 0	One produc:	Not Reported	
NMOG4000085203			•
		·	
an an an Albana An Albana An Albana	1	OIL_GAS	NMOG40000085438
645.59	_		
3004529356	Operator:	BURLINGTON RE	SOURCES OIL ; GAS COMPA
04/22/2004	Producing :	71280	
7290	Range:	1100	
12 03/20/1006	Township:	30 ON	
2350	Water ini :	0	
0	Water in 1	0	
· 81	Water pr 1:	375	
0	Well name:	MARTIN 001R	
G			•
Active			· · ·
San Juan	Days prod :	249	
277	Days pro 1:	0	
5822	Ew cd:	. W	
1175	Ftg ns:	1000	
2445	Gas prod 3:	48913	
0	Land type:	F	
2009-12			
36.7639890779			
	40 3004520260 02/21/2007 301333 1 04/16/1968 2147 0 0 0 0 0 G Plugged San Juan 0 2006-01 36.7585105011 -107.973222508 1 A 0 0 NMOG40000085203 645.59 3004529356 04/22/2004 7290 12 03/29/1996 2350 0 81 0 G Active San Juan 277 5822 1175 2445 0 2009-12 36.7639890779	40 3004520260 Operator: 02/21/2007 Producing : 301333 Range: 1 Section: 04/16/1968 Township: 2147 Water inj : 0 Water pr 1: 0 Water pr 1: 0 Well name: G Plugged San Juan Days pro1 : 5752 Ew cd: 990 Fig ns: 0 Gas pro3 3: 0 Land type: 2006-01 36,7585105011 -107.973222508 I 1 Ns cd: A Ogrid cde: 0 Oil prod 3: 0 Oil prod 3: 0 Water in 1: 31 Water in 1: 3250 Water in 1: 31 Water pr 1: 0 Water in 1: 31 Water pr 1: 0 Water pr 1: 0 Water pr 1: 0 Water pr 1: 0 Water in 1:	A0 OIL_GAS 40 3004520260 Operator: THOMPSON ENG 02/21/2007 Producing : 0 0 301333 Range: 11W 1 Section: 3 04/16/1968 Township: 29.0N 2147 Water ini : 0 0 Water pri: 0 0 Days pro1 : 0 0 Days pro1 : 0 0 Land type: F 2006-01 Sar prod 3: 0 1 Ns cd: N A Oprid cde: 37581 0 Oil prod 3: 0 0 One produc: Not Reported NMCG40000085203 Tites 30.0N 2350 Water ini 1: 0 0 Water ini 1:

Longitude: Nbr compls: Ocd ul: Oil prod 2: Oil prod 4: Site id:	-107.983083363 3 M 0 0 NMOG40000085438	Ns cd: Ogrid cde: Oil prod 3: One produc:	S 14538 0 AZTEC PICTURED	CLIFFS (GAS)
17 South 1/4 - 1/2 Mile		· · · · · · · · · · · · · · · · · · ·	OIL_GAS	NMOG4000085082
Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 4: Last prod: Latitude: Longitude: Nbr compls: Ocd ul: Oil prod 2: } Ftg existications County: Compl stat: County: Cou	40 3004508788 09/30/1969 30041 G 05/12/1953 2067 0 0 0 G Plugged San Juan 0 5717 1650 0 5717 1650 0 0 Not Reported 36.756703305 -107.975495685 1 G 0	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod 1: Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type: Ns cd: Ogrid cde: Oli prod 3:	EL PASO NATURAL 0 11W 3 29.0N 0 0 MARTIN 003 0 E 1650 0 P N 214263 0	GAS

18 SSE 1/2 - 1 Mile

Acres: 145.47 3004534116 THOMPSON ENGR ; PROD CORP Api: Operator: Plug date: 08/19/2008 71280 Producing : Property: Sdiv ul: 11W 301333 Range: н Section: 3 Spud date: 02/21/2007 Township: 29:0N Tvd depth: Water inj1: 2200 Water inj : 0 Water in 1: 0 0 Water prod: 412 Water pr 1: 451 MARTIN 003Y Water pr 2: 0 Well name:

OIL_GAS

NMOG4000085115

Well type:			
Compl stat:			
County:		?	
Days prod1:	;		
Elevgl:	Ξ.		
Ftg ew:		1	
Gas prod 2:		j	
Gas prod 4:	÷		
Last prod :			
Latitude:			
Longitude:			
Nbr compls:	1		
Ocd ul:		.!	
Oil prod 2:)		
Oil prod 4:			
Site id:			

G Active San Juan 337 5756 660 23506 0 2009-12 36.7571069133 -107.972099362 1 H 0

NMOG4000085115

0

Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type: Ns cd: Ogrid cde:

Oil prod 3:

One produc:

18735 F

352

1500

0 E

Ν

37581 0 AZTEC PICTURED CLIFFS (GAS)

OIL_GAS

19 SW 1/2 - 1 M

- 1 Mile	·			
Acres:		40		
Api:		3004508834	Operator:	EL PASO NATURAL GAS
Plug date:	} .	03/23/1982	Producing :	0
Property:	, .	30041	Range:	11W
Sdiv ul:	3	С	Section:	3
Spud date:	1	05/06/1953	Township:	29.0N
Tvd depth:		2086	Water ini :	0
Water ini1:	1	0	Water in 1:	0
Nater prod:		0	Water pr 1:	0
Nater pr 2:		0	Well name:	MARTIN 004
Nell type:		G		
Compl stat:		Plugged		
County:	×	San Juan	Days prod :	0
Days prod1:	1	0	Days pro 1:	0
Elevgl:	1	5739	Ew cd:	W .
tg ew:)	1650	Ftg ns:	990
Gas prod 2:)	0	Gas prod 3:	0
Gas prod 4;	, [,]	0	Land type:	P .
ast prod :		Not Reported		
_atitude:		36.7585329966		
ongitude:		-107.982426612		
Nbr compls:	1	1	Ns cd:	N
Ocd ul:		С	Ogrid cde:	214263
Dil prod 2:)	0	Oil prod 3:	0
Dil prod 4:		10	One produc:	Not Reported
Site id:	•	NMOG4000085206	·	•

20 WSW 1/2 - 1 Mile

OIL_GAS

NMOG4000085329

NMOG4000085206

Acres:			40	
Api:			3004508855	Operator:
Plug date:)		01/17/1959	Producing :
Property:	1		30041	Range:
Sdiv ul:			D	Section:
Spud date:			12/08/1958	Township:
Tvd depth:			1400	Water inj :
Water inj1:			0	Water in 1:
Water prod:			0	Water pr 1:
Water pr 2:			0	Well name:
Well type:			G	· ·
Compl stat:			Plugged	
County:	3		San Juan	Days prod :
Days prod1:	1		0	Days pro 1:
Elevgl:	1		5784	Ew cd:
Ftg ew:	}		660	Ftg ns:
Gas prod 2:)		0	Gas prod 3:
Gas prod 4:	+ ²		0	Land type:
Last prod :			Not Reported	
Latitude:			36.7603539695	
Longitude:			-107.985820814	
Nbr compls:	1		1	Ns cd:
Ocd ul:		3	D	Ogrid cde:
Oil prod 2:)		0	Oil prod 3:
Oil prod 4:		. 1	0	One produc:
Site id:			NMOG4000085329	-

21 NNW	
1/2 - 1	Mile

Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Latitude: Longitude: Nbr compls: Ocd ul: Oil prod 2: Oil prod 4: Site id:

40 3004509364 04/28/1993 14847 6 03/26/1964 0 0 0 0 | G Plugged San Juan 0 5833 1860 0 0 Not Reported 36.7719667082 -107.980709251 1 F 0 0 NMOG4000085891 Operator: Producing : Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Gas prod 3: Land type:

Range:

Section:

Ew cd:

Ftg ns:

Ns cd:

Ogrid cde:

Oil prod 3:

One produc:

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NMOG4000085891

OIL_GAS

CONOCO INC

ROBERT H LONG

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Not Reported

330

11W

Map ID Direction

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Distance			Database	EDR ID Number
D 22	·			
D22 NNE 1/2 - 1 Mile	•		OIL_GAS	NMOG4000085966
Acres	321 37			
Api:	3004534973	Operator:	BURLINGTON RES	OURCES OIL : GAS COMPANY LP
Plug date:	10/22/2009	Producina :	0	
Property:	7340	Range:	11W	
Sdiv ul:	1	Section	34	
Soud date:	01/03/2010	Township:	30.0N	
Tvd depth:	0	Water ini :	0	
Water ini1:	0	Water in 1:	0	
Water prod:	0	Water pr 1:	0	
Water pr 2:	0)	Well name:	MURPHY E 100	
Well type:	G	,		
Compl stat:	New (Not drilled or compl)			•
County:	San Juan	Days prod :	0	
Days prod1:	. O	Days pro 1:	0	
Elevgi:	5936	Ew cd:	E	
Ftg ew:	890	Ftg ns:	1045	
Gas prod 2:	0	Gas prod 3:	0	
Gas prod 4:	0	Land type:	F	
Last prod :	Not Reported			
Latitude:	36 7730213082	•		
Longitude:	-107.972403868			
Nbr compls:	1	Ns cd:	N	
Ocd ul:	A	Ogrid cde:	14538	
Oil prod 2:	0	Oil prod 3:	0	
Oil prod 4:	0	One produc:	Not Reported	
Site id:	NMOG4000085966		•	
		· · · · ·		
D23				NHO 0 4000000500 4
1/2 - 1 Mile			UIL_GAS	NMOG4000005984
Acres:	160			
Api:	3004509050	Operator:	BURLINGTON RES	SOURCES OIL ; GAS COMPANY LP
Plug date:	04/01/2008	Producing :	71280	,
Property: /	7340	Range:	11W	
Sdiv ul:	1	Section:	34	
Spud date:	03/13/1995	Township:	30.0N	
Tvd depth:	2322	Water inj :	0	
Water inj1:	0	Water in 1:	0	
water prod:	366	Water pr 1:	365	
Water pr 2:	0	well name:	MURPHY E 001	
vveil type:	G			
Complistat:	Active	.	005	
County:	San Juan	Days prod :	305	
Days prod1:	365	Days pro 1:	U E	
Elevgi:	5950	EW CO:	E	
rtg ew:	990	Ftg ns:	990	
Gas prod 2:	6/93	Gas prod 3:	/514	
Gas prod 4:	U 2000 40	Land type:	F	
Last prod :	2009-12			
Lautude:	50.7731799464			

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			•		
	Longitudo		107 072747094		
	Longitude.		-107.972147904	No. adv	N
	Nor compis:		1	NS CO:	
:	Ocd ul:	3	A	Ogrid cde:	14538
	Oil prod 2:	1	0	Oil prod 3:	0
	Oil prod 4:		0	One produc:	AZTEC PICTURED CLIFFS (GAS)
	Site id		NMOG4000085984	•	· · · /
	ONO IG.		111100-1000000004		
			•		****
					· · ·
	24				
	East			1	OIL_GAS NMOG4000085599
	1/2 - 1 Mile				
	Acres:		160		
	Acies.		100	0	
	Api:		3004521430	Operator:	BURLINGTON RESOURCES OIL ; GAS COMPANY LP
,	Plug date:	1	03/11/1987	Producing :	71280
	Property:	. /	· 7028	Range:	11W
	Sdiv ul:	·i	7	Section:	35
	Soud date:	1	02/17/1974	Township:	30.0N
-	Tyd denth:		2262	Water ini :	0
	I vu uepiii.	-	2202		0
	water inj t:	;	0	vvater in 1:	U
٩.	Water prod:	· i	366	Water pr 1:	365
	Water pr 2:	•••	0	Well name:	FORREST 004
	Well type:		G		
	Complistat		Active		
e	Countr	12	Sen luon	Dave prod :	265
+ .	County.	,	San Juan	Days prod .	505
11	Days prodit:		365	Days pro 1:	U .
	Elevgi:	i i	5797	Ew cd:	W
	Ftg ew:)	1650	Ftg ns:	1650
	Gas prod 2:	1	11050	Gas prod 3:	12512
	Gas prod 4:	•	0	Land type:	F
	l ast prod		2009-12		
	Latitudo:		2003-12		
	Lautuue.		30.7657405505		
	Longitude:		-107.963638242		
	Nbr compls:	;	1	Ns cd:	S
	Ocd ul:	;	К	Ogrid cde:	14538
• .	Oil prod 2:	;	0	Oil prod 3:	0
	Oil prod 4		107	One produc:	AZTEC PICTURED CLIEES (GAS)
	Site id:		NMOC4000085500	One produc.	
	Site iu.		NWOG4000085599		
		•			
	25				
	SSW		•	,	OIL_GAS NMOG40000085008
	1/2 - 1 Wille				
•	Acres:		40		
	Api:		3004526862	Operator:	BASIN DISPOSAL INC
	Plug date:		06/23/1988	Producing	0
	Property:	· · ·	1750	Pange:	11\\\/
	Property.				1177
	Salv ul:		۳	Section:	J ·
	Spud date:		03/07/1988	Township:	29.0N
	Tvd depth:		3905	Water inj :	4135942
	Water ini1		3511265	Water in 1:	243902
	Water prod-		0	Water or 1	0
•	Mater prod.		0	Wall name:	
	water pr 2:		U	weil name:	DISPUSAL UUI

t sa d Gagiri Garis

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Well type: Compl stat: County:) Days prod1: Elevgl: Ftg ew: Gas prod 2:) Gas prod 4: 4 Last prod : Latitude: Longitude: Nbr compls: 5 Ocd ul: 0 Oil prod 2:) Oil prod 4: S Active San Juan 0 5710 1870 0 0 Not Reported 36.755188436 -107.981669272 1 F

NMOG4000085008

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291 3004508791

31582

6783

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G Active

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36114

2009-12

36.7568343895 -107.985373337

NMOG4000085096

144

09/30/1969

10/19/1959

San Juan

Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type: Ns cd: Ogrid cde: Oil prod 3:

One produc:

N 1739 0 Not Reported

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2207

E26 SW 1/2 - 1 Mile

Site id:

Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Latitude: Longitude: Nbr compls: Ocd ul: Oil prod 2: Oil prod 4: Site id:

Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type: Ns cd: Ogrid cde: Oil prod 3: One produc: CONOCOPHILLIPS COMPANY

OIL_GAS

N 217817 355 BASIN DAKOTA (PRORATED GAS)

27 ESE 1/2 - 1 Mile

OIL_GAS

NMOG4000085201

NMOG4000085096

1.

Acres:		160			
Api:		3004508818	Operator:	ENERGEN RESOURCES CORPORATION	
Plug date:	.)	02/28/1961	Producing :	71280	
Property:	1	21983	Range:	11W	
Sdiv ut:		3	Section	2	
Soud date:	··-	05/02/1059	Townshin:	- 29 0N	
Spuu uate.	, '	03/02/1939	Noter isi i	23:01	
I va depin:	;	2152	water mj.	0	
Water inj1:		0	Water in 1:	0	
Water prod:	1	0	Water pr 1:	0	
Water pr 2:		0	Well name:	MURPHY A COM A 002	
Well type:		G			
Compl stat:		Active			
County:	•	San Juan	Days prod :	365	
Davs prod1:	,	365	Davs pro 1:	0	
Eleval:	1	5730	Ew cd:	W	
Eta ow:	,	1650	Eta os:	990	
Figew.	;	1030	Fights:	609	
Gas prod 2:)	501	Gas prod 5.	090	
Gas prod 4:	41	U	Lang type:	r	
Last prod :		2009-12			
Latitude:		36.7584996153		· ·	
Longitude:		-107.964172052			;
Nbr compls:	1	1	Ns cd:	N	•
Oct ul:		Ċ	Oarid cde:	162928	••
Oil prod 2	,	0	Oil prod 3	0	
Oil prod 4:	·	· 0 · · · ·	One produc:	AZTEC PICTURED CLIEES (GAS)	1111
		NMOC4000085201	One produc.		2
		NWOG4000005201			
Site id:					
Site id:					:
Site id:					•
Site id:					-
Site id:					: (1) (2)
Site id: 					-
Site id: 				OIL_GAS NMOG4000086003	-
28 NWW //2 - 1 Mile				OIL_GAS NMOG4000086003	411
28 28 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	, - ,	160		OIL_GAS NMOG4000086003	-
Site id: 28 NWW //2 - 1 Mile Acres: Api:		160 3004509060	Operator:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN	(LP
Site id: 28 NWW /2 - 1 Mile Acres: Api: Plug date:		160 3004509060 11/30/1994	Operator: Producing :	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN 71280	(LP
28 NNW //2 - 1 Mile Acres: Api: Plug date: Property:		160 3004509060 11/30/1994 7340	Operator: Producing : Range:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN 71280 11W	(" " " (LP
Site id: 28 NWW //2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul:		160 3004509060 11/30/1994 7340 3	Operator: Producing : Range: Section:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN ^N 71280 11W 34	(LP
Site id: 28 30 30 30 30 30 30 30 30 30 30	······································	160 3004509060 11/30/1994 7340 3 03/05/1955	Operator: Producing : Range: Section: Township:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN ¹ 71280 11W 34 30.0N	ر الله بر الله بر الله
Site id: 28 WWW /2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tyd depth:	· · · · · · · · · · · · · · · · · · ·	160 3004509060 11/30/1994 7340 3 03/05/1955 2265	Operator: Producing : Range: Section: Township: Water ini :	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN 71280 11W 34 30.0N 0	ن بر بر در به در به در به
Site id: 28 NWW /2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Woter ini1:	· · · · · · · · · · · · · · · · · · ·	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0	Operator: Producing : Range: Section: Township: Water inj : Water in 1	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN 71280 11W 34 30.0N 0	(LP
28 NWW /2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water.inj1: Water.endf	······································	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water or 1:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN 71280 11W 34 30.0N 0 0	بن بری در ۲۹
Site id: 28 NWW //2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water prod: Water prod:		160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPANY 71280 11W 34 30.0N 0 109	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Site id: 28 NWW //2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water rod: Water pr 2: Water pr 2:	· · · · · · · · · · · · · · · · · · ·	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN' 71280 11W 34 30.0N 0 0 109 MURPHY E 002	بن بر ا ۲ ۲ ۲ ۲
Site id: 28 NWW //2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water rol: Water pro2: Well type:	· · · · · · · · · · · · · · · · · · ·	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0 6	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN [®] 71280 11W 34 30.0N 0 0 109 MURPHY E 002	ن الله الله الله الله
Site id: 28 NWW //2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water.inj1: Water prod: Water pr 2: Well type: Compl stat:	· · · · · · · · · · · · · · · · · · ·	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0 5 G Active	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN' 71280 11W 34 30.0N 0 109 MURPHY E 002	ر بر ۱۳ ۲.۲۰ ۲.۲۰ ۲.۲۰ ۲.۲۰
Site id: 28 WWW //2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water prod: Water prod: Water pro2: Well type: Compl stat: County:	· · · · · · · · · · · · · · · · · · ·	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0 0 G Active San Juan	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod :	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPANT 71280 11W 34 30.0N 0 109 MURPHY E 002 244	ن بر بر در الع بر بر بر بر بر بر بر ب
Site id: 28 NWW /2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water prod: Water pro2: Well type: Compl stat: County: Days prod1:	· · · · · · · · · · · · · · · · · · ·	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0 0 G Active San Juan 334	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod 1:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN ¹ 71280 11W 34 30.0N 0 109 MURPHY E 002 244 0	ر بند بر ۲۵ د. د. د. د. د. د. د. د. د. د. د. د. د.
Site id: 28 NWW //2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water prod: Water prod: Water pro2: Well type: Compl stat: County: Days prod1: Elevgl:	· · · · · · · · · · · · · · · · · · ·	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0 9 G Active San Juan 334 5872	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPANY 71280 11W 34 30.0N 0 109 MURPHY E 002 244 0 W	بن ۲.LP
Site id: 28 NWW //2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water prod: Water prod: Water pro2: Well type: Compl stat: County: Days prod1: Elevgl: Etc ew:	· · · · · · · · · · · · · · · · · · ·	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0 G Active San Juan 334 5872 1550	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd: Etg ns:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN' 71280 11W 34 30.0N 0 109 MURPHY E 002 244 0 990	ر بر بر ۱۳۳۵ ۱۳۳۵ ۱۳۳۵ ۱۳۳۵ ۱۳۳۵ ۱۳۳۵ ۱۳۳۵ ۱۳۳
Site id: 28 NWW //2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water prod: Water prod: Water pro2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2:	· · · · · · · · · · · · · · · · · · ·	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0 G Active San Juan 334 5872 1550 3854	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN' 71280 11W 34 30.0N 0 109 MURPHY E 002 244 0 990 7621	(LP
Site id: 28 NWW //2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water prod: Water pro2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Cas prod 2: Cas prod 4: Cas p	······································	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0 G Active San Juan 334 5872 1550 3854 0	Operator: Producing : Range: Section: Township: Water in 1: Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN' 71280 11W 34 30.0N 0 109 MURPHY E 002 244 0 990 7621	(LP
Site id: 28 NWW //2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water prod: Water prod: Water prod: Water prod: Water prod: Water prod: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 2: Gas prod 4: Notes of the state	· · · · · · · · · · · · · · · · · · ·	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0 G Active San Juan 334 5872 1550 3854 0 2009, 12	Operator: Producing : Range: Section: Township: Water in 1: Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPANY 71280 11W 34 30.0N 0 109 MURPHY E 002 244 0 W 990 7621	(LP
Site id: 28 NWW /2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water prod: Water prod: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Marce in the second in the second interval interv	/ · · · · · · · · · · · · · · · · · · ·	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0 3 G Active San Juan 334 5872 1550 3854 0 2009-12	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water in 1: Water pr 1: Well name: Days prod : Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPANY 71280 11W 34 30.0N 0 109 MURPHY E 002 244 0 990 7621 F	ر بند بر ۲ ۲ ۲ ۲ ۲
Site id: 28 NWW //2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water prod: Water prod: Water prod: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 4: Last prod : Last prod : Latitude:	<pre>// / / / / / / / / / / / / / / / / / /</pre>	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0 3 80 0 4 G Active San Juan 334 5872 1550 3854 0 2009-12 36.7733772626	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water in 1: Water pr 1: Well name: Days prod : Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPANY 71280 11W 34 30.0N 0 109 MURPHY E 002 244 0 W 990 7621 F	(LP
Site id: 28 NWW //2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water prod: Water prod: Water prod: Water prod: Water prod: Water prod: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Latitude: Longitude:	<pre>// / / / / / / / / / / / / / / / / / /</pre>	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0 G Active San Juan 334 5872 1550 3854 0 2009-12 36.7733772626 -107.981767702	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPANY 71280 11W 34 30.0N 0 109 MURPHY E 002 244 0 W 990 7621 F	ر بر ۲ ۱۳ ۲ ۲ ۲
Site id: 28 NWW //2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water prod: Water prod: Water prod: Water prod: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Last	/ /)) / / / /	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0 G Active San Juan 334 5872 1550 3854 0 2009-12 36.7733772626 -107.981767702 1	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPANY 71280 11W 34 30.0N 0 109 MURPHY E 002 244 0 990 7621 F	ر بر بر ۱۹۹۳ ۱۹۹۳ ۱۹۹۳ ۱۹۹۳ ۱۹۹۳ ۱۹۹۳ ۱۹۹۳ ۱۹۹
Site id: 28 NWW //2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water prod: Water prod: Water prod: Water prod: Water prod: Water prod: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 4: Last prod : Latitude: Longitude: Nbr compls: Ocd ul:	· · · · · · · · · · · · · · · · · · ·	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0 G Active San Juan 334 5872 1550 3854 0 2009-12 36.7733772626 -107.981767702 1 C	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type: Ns cd: Ogrid cde:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN' 71280 11W 34 30.0N 0 109 MURPHY E 002 244 0 990 7621 F N 14538	ن بر بر ۱۳۰۶ ۱۳۰۶ ۱۳۰۶ ۱۳۰۶ ۱۳۰۶ ۱۳۰۶ ۱۳۰۶ ۱۳۰۶
Site id: 28 NWW //2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water prod: Water prod: Water prod: Water prod: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 4: Last prod : Latitude: Longitude: Nbr compls: Ocd ul: Oil prod 2: Oil prod 2:	<pre>// / / / / / / / / / / / / / / / / / /</pre>	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0 G Active San Juan 334 5872 1550 3854 0 2009-12 36.7733772626 -107.981767702 1 C 0	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days prod 1: Ew cd: Ftg ns: Gas prod 3: Land type: Ns cd: Ogrid cde: Oil prod 3:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN' 71280 11W 34 30.0N 0 109 MURPHY E 002 244 0 990 7621 F N 14538 0	ن بر ب ۲.۳
Site id: 28 NWW //2 - 1 Mile Acres: Api: Property: Sdiv ul: Spud date: Tvd depth: Water prod: Water prod: Water prod: Water prod: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 4: Last prod : Last prod : Latitude: Longitude: Nbr compls: Ocd ul: Oil prod 2: Oil prod 4: Oil prod 4:	· · · · · · · · · · · · · · · · · · ·	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0 G Active San Juan 334 5872 1550 3854 0 2009-12 36.7733772626 -107.981767702 1 C 0 0	Operator: Producing : Range: Section: Township: Water in 1: Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type: Ns cd: Ogrid cde: Oil prod 3: One produc:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN' 71280 11W 34 30.0N 0 0 109 MURPHY E 002 244 0 W 990 7621 F N 14538 0 AZTEC PICTURED CLIFFS (GAS)	ر بن م بر بر در ۲۹ بر ۲۹ ۲۹ ۲۹ ۲۹ ۲۹ ۲۹ ۲۹ ۲۹ ۲۹ ۲۹ ۲۹ ۲۹ ۲۹ ۲
Site id: 28 NWW //2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water prod: Water prod: Water prod: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Latitude: Longitude: Nbr compls: Ocil prod 2: Oil prod 4: Site id:	· · · · · · · · · · · · · · · · · · ·	160 3004509060 11/30/1994 7340 3 03/05/1955 2265 0 80 0 3 G Active San Juan 334 5872 1550 3854 0 2009-12 36.7733772626 -107.981767702 1 C C 0 0 0 NMOG40000086003	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type: Ns cd: Ogrid cde: Oil prod 3: One produc:	OIL_GAS NMOG40000086003 BURLINGTON RESOURCES OIL ; GAS COMPAN 71280 11W 34 30.0N 0 0 109 MURPHY E 002 244 0 W 990 7621 F N 14538 0 AZTEC PICTURED CLIFFS (GAS)	ر الله ۲ ۲

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Map ID Direction Distance

Distance		•	Database	EDR ID Number
29 NE 1/2 - 1 Mile			OIL_GAS	NMOG4000085833
Acres:	160	. · ·		
Api:	3004509024	Operator:	XTO ENERGY, INC	
Plug date:	01/11/1983	Producing :	71280	
Property:	32296	Range:	11W	
Sdiv ul:	3	Section:	35	
Spud date:	08/20/1951	Township:	30.0N	
Tvd depth:	2378	Water inj :	0	
Water inj1:	0	Water in 1:	0	
Water prod:)	· 0	Water pr 1:	0	
Water pr 2:	0	Well name:	FORREST 001	
Well type:	G		·	
Compl stat:	Active			
County:	San Juan	Days prod :	244	-
Days prod1:	. 181	Days pro 1:	0	
Elevgi:	5864	Ew cd:	W	
Ftg ew:	1155	Ftg ns:	1650	
Gas prod 2:	470	Gas prod 3:	309	
Gas prod 4:	0	Land type:	F	
Last prod :	2009-07			
Latitude:	36.7713170415			
Longitude:	-107.965378599	•		
Nbr compls:	1	Ns cd:	N	
Ocd ul:	E	Ogrid cde:	5380	
Oil prod 2:	0	Oil prod 3:	· 0 .	
Oil prod 4:	.0.****	One produc:	AZTEC PICTURED	CLIFFS (GAS)
Site id:	NMOG4000085833	• •		

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	the second s	1	OIL GAS NMOG4	00
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	304			
	3004508759	Operator:	CONOCOPHILLIPS COMPANY	ŕ
.·)	04/16/1966	Producing :	71599	
.1	31538	Range:	11W -	
1	E	Section:	2	
1	06/01/1964	Township:	29.0N	
)	6657	Water inj :	0	
)	0	Water in 1:	0	
1	108	Water pr 1:	107	•
	0	Well name:	FEDERAL E COM 001	
	G		· · · · · ·	
	Active			
	San Juan	Days prod :	365	
	365	Days pro 1:	0	
	5719	Ew cd:	W	
	1190	Ftg ns:	1850	
	15602	Gas prod 3:	14125	
	0	Land type:	S	
	2009-12			
	36.756137848			
	<pre></pre>	304 3004508759 04/16/1966 31538 E 06/01/1964 6657 0 108 0 4 108 0 G Active San Juan 365 5719 1190 15602 0 2009-12 36.756137848	304 3004508759 Operator: 04/16/1966 Producing : 31538 Range: E Section: 06/01/1964 Township: 06657 Water in 1: 0 Water pr 1: 0 Water pr 1: 0 Water pr 1: 0 Well name: G G Active San Juan 365 Days prod : 365 Days prod : 1190 Ftg ns: 15602 Gas prod 3: 0 Land type: 2009-12 36.756137848	304 CONCOPHILLIPS COMPANY 3004508759 Operator: CONOCOPHILLIPS COMPANY 04/16/1966 Producing : 71599 05/01/1964 Township: 29.0N 06/01/1964 Township: 29.0N 06/01/1964 Township: 0 0 Water inj : 0 0 Water pr 1: 107 0 Water pr 1: 107 0 Well name: FEDERAL E COM 001 G G Active San Juan Days prod : 365 365 Days pro 1: 0 5719 Ew cd: W 1190 Ftg ns: 1850 15602 Gas prod 3: 14125 0 2009-12 36.756137848

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NMOG4000085046

Longitude: -107.965762828 Nbr compls: Ns cd: Ν 1 Ocd ul: 217817 Е Ogrid cde: Oil prod 2: Oil prod 3: 65 0 Oil prod 4: One produc: BASIN DAKOTA (PRORATED GAS) 0 Site id: NMOG4000085046 É31 SW NMOG4000085039 OIL_GAS 1/2 - 1 Mile Acres: 451.06 Api: 3004534744 BURLINGTON RESOURCES OIL ; GAS COMPANY LP Operator: Plug date: 06/08/2008 Producing : 0 Property: Range: 11W 7290 Sdiv ul: Section: 3 Е Spud date: 01/08/2009 Township: 29.0N Tvd depth: 2250 Water inj : 0 Water inj1: 0 Water in 1: 0 Water prod: 8856 0 Water pr 1: MARTIN 101 Water pr 2: 0 Well name: Well type: G Compl stat: New (Not drilled or compl) County: 0 San Juan Days prod : Days prod1: 246 Days pro 1: 0 W Elevgl: 5734 Ew cd: 1895 Ftg ew: 670 Ftg ns: Gas prod 2: Gas prod 3: 86758 0 Gas prod 4: Ρ 0 Land type: Last prod : 2009-12 Latitude: 36.7560553117 Longitude: -107.985783944 Nbr compls: Ns cd: Ν 2 14538 Ocd ul: Е Ogrid cde: Oil prod 2: 0 Oil prod 3: 0 Oil prod 4: 10 One produc: Not Reported Site id: NMOG4000085039

32 NE

1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2:

Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name:

OIL_GAS NMOG4000085935

CONOCOPHILLIPS COMPANY 71599 11W 35 30.0N 0 0 222 **BLOOMFIELD CANYON FEDERAL 001**

Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Latitude: Longitude: Nbr compls: Ocd ul: Oil prod 2: Oil prod 4: Site id:

Active San Juan 365 5872 880 24179 0 2009-12 36.7726985964 -107.966332213 1 D 171

NMOG4000085935

G

0

3

Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type: Ns cd:

Ogrid cde:

Oil prod 3:

One produc:

Ν 217817 167 BASIN DAKOTA (PRORATED GAS)

365

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F

w

1145

24059

33 South 1/2 - 1 Mile

Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Latitude: Longitude: Nbr compls: Ocd ul: Oil prod 2: Oil prod 4:

40 3004508705 02/01/2006 301233 J 01/09/1964 6608 0 0 0 G Plugged San Juan 0 5683 1575 0 0 1999-02 36.7522784402 -107.975269091 1

NMOG4000084918

J

0

:0

Operator: Producing : 0 Range: Section: 3 Township: 0 Water inj : Water in 1: 0 Water pr 1: 0 Well name: 0 Days prod : Days pro 1: 0 Е Ew cd: Ftg ns: Gas prod 3: 0 Ρ Land type: Ns cd: s Ogrid cde: Oil prod 3: 0 One produc:

XTO ENERGY, INC 11W 29.0N MARTIN A 001

OIL_GAS

1775 5380

Not Reported

OIL_GAS

NMOG4000086017

NMOG4000084918

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F34 NW 1/2 - 1 Mile

Site id:

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Annas		161.60		
Acres:		101.02	Onester	
Api. Dive deter	,	3004320881	Operator.	SUSAN SULLIVAN DBA LIZARD FRODUCTION
Plug date:	.,	06/30/19/3	Producing :	71200
Property:		303182	Range:	11W
Sdiv ul:	1 A A	4	Section:	34
Spud date:		02/28/1972	Township:	30.0N
Tvd depth:)	2037	Water inj :	0
Water inj1:		0	Water in 1:	0
Water prod:	•	0	Water pr 1:	0
Water pr 2:		0	Well name:	SANGRE DE CRISTO 002
Well type:		G		
Compl stat:		Active		
County		San Juan	Days prod ·	365
Days prod1	1	365	Days pro 1:	0
Eleval	,	5869	Ew ed:	· W
Eta our	,	800	Ew cu.	060
Creater and Du	,	800	Fights.	900
Gas prou 2.		690	Gas prod 3:	. 650 F
Gas prod 4:	i'	U .	Land type:	F
Last prod :		2009-12		
Latitude:		36.7735159603		· ·
Longitude:		-107.984338879		
Nbr compls:	1	1	Ns cd:	N
Ocd ul:	;	D	Ogrid cde:	244993
Oil prod 2:)	0	Oil prod 3:	0
Oil prod 4:	and the segre	6 0 (*** 2011)	One produc:	AZTEC FRUITLAND SAND (GAS)
Site id:		NMOG4000086017	•	
35				· ·
35 West 1/2 - 1 Mile	-			OIL_GAS NMOG4000085596
35 West 1/2 - 1 Mile Acres:		160		OIL_GAS NMOG4000085596
35 West 1/2 - 1 Mile Acres: Api:	- The second se	160 3004526476	• Operator:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP
35 West 1/2 - 1 Mile Acres: Api: Plug date:		160 3004526476 08/29/1996	Operator: Producing :	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property:		160 3004526476 08/29/1996 303336	Operator: Producing : Range:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul:		160 3004526476 08/29/1996 303336 9	Operator: Producing : Range: Section:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date:		160 3004526476 08/29/1996 303336 9 08/02/1985	Operator: Producing : Range: Section: Township:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd deoth:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394	Operator: Producing : Range: Section: Township: Water ini :	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water ini1:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0	Operator: Producing : Range: Section: Township: Water inj : Water in 1:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water orod:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water or 1:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0 506
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water or 2:	- - - - - - - - - - - - - - - - - - -	160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368 0	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0 506 Murphy E 005
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368 0 G	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0 506 Murphy E 005
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water pr0: Water pr 2: Well type: Compl stat		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368 0 G Active	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0 506 Murphy E 005
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water pro2: Well type: Compl stat: County:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368 0 G Active San Juan	Operator: Producing : Range: Section: Township: Water inj ; Water in 1: Water pr 1: Well name:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0 506 Murphy E 005
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368 0 G Active San Juan 335	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod :	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0 506 Murphy E 005 301
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevel:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368 0 G Active San Juan 335 5925	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days prod :	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0 506 Murphy E 005 301 0
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pro2: Well type: Compl stat: County: Days prod1: Elevgl: Ets ow:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368 0 G Active San Juan 335 5935 1070	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days pro 1: Ew cd:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0 506 Murphy E 005 301 0 E
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water prod: Water pro2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Conserved 2:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368 70 G Active San Juan 335 5935 1070 2202	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days pro 1: Ew cd: Ftg ns:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0 506 Murphy E 005 301 0 E 1590
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Compl 2:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368 0 G Active San Juan 335 5935 1070 2293	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0 506 Murphy E 005 301 0 E 1590 1697
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water prod: Water prod: Water prod: Water prod: Water prod: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368 0 G Active San Juan 335 5935 1070 2293 0	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0 506 Murphy E 005 301 0 E 1590 1697 F
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water prod: Water prod: Water prod: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368 0 G Active San Juan 335 5935 1070 2293 0 2009-12	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0 506 Murphy E 005 301 0 E 1590 1697 F
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Latitude:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368 0 G Active San Juan 335 5935 1070 2293 0 2009-12 36.7656885667	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0 506 Murphy E 005 301 0 E 1590 1697 F
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pro2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Latitude: Longitude:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368 0 G Active San Juan 335 5935 1070 2293 0 2009-12 36.7656885667 -107.990775668	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0 506 Murphy E 005 301 0 E 1590 1697 F
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pro2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod: Latitude: Longitude: Nbr compls:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368 0 G Active San Juan 335 5935 1070 2293 0 2009-12 36.7656885667 -107.990775668 1	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0 506 Murphy E 005 301 0 E 1590 1697 F
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pro2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod: Latitude: Longitude: Nbr compls: Ocd ul:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368 0 G Active San Juan 335 5935 1070 2293 0 2009-12 36.7656885667 -107.990775668 1	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days prod : Days prod : Ew cd: Ftg ns: Gas prod 3: Land type: Ns cd: Ogrid cde:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0 506 Murphy E 005 301 0 E 1590 1697 F
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Latitude: Longitude: Nbr compls: Ocd ul: Oil prod 2:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368 0 G Active San Juan 335 5935 1070 2293 0 2009-12 36.7656885667 -107.990775668 1 I 0	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days prod : Days prof 1: Ew cd: Ftg ns: Gas prod 3: Land type: Ns cd: Ogrid cde: Oil prod 3:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 0 506 Murphy E 005 301 0 E 1590 1697 F
35 West 1/2 - 1 Mile Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water prod: Water prod: Water prod: Water prod: Water prod: Water prod: Elevgl: Ftg ew: Gas prod 4: Last prod : Latitude: Longitude: Nbr compls: Ocd ul: Oil prod 2: Oil prod 4:		160 3004526476 08/29/1996 303336 9 08/02/1985 2394 0 368 0 G Active San Juan 335 5935 1070 2293 0 2009-12 36.7656885667 -107.990775668 1 I 0 0	Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days prod : Days prod : Days prod : Ew cd: Ftg ns: Gas prod 3: Land type: Ns cd: Ogrid cde: Oil prod 3: One produc:	OIL_GAS NMOG40000085596 BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71280 11W 33 30.0N 0 506 Murphy E 005 301 0 590 1697 F S 14538 0 AZTEC PICTURED CLIFFS (GAS)

Мар	ID
Direc	tion

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Direction Distance				Database	EDR ID Number
· .				•	
36 NE 1/2 - 1 Mile	,			OIL_GAS	NMOG4000085837
Acres		479 18			
Api:		3004509020	Operator:	BURLINGTON RES	OURCES OIL ; GAS COMPANY LP
Plug date:	;	09/16/1963	Producing :	71629	
Property:	1	7644	Range:	11W	
Sdiv ul:	;	5	Section:	35	
Spud date:	ł	04/07/1959	Township:	30.0N	
Tvd depth:		2304	Water inj :	0	
Water inj1:)	0	Water in 1:	0	
Water prod:	.:	366	Water pr 1:	365	
Water pr 2:	2.	0	Well name:	WOOD 002	
Well type:		G			
Compl stat:		Active	·		
County:		San Juan	Days prod :	365	
Days prod1:	•	365	Days pro 1:	0	
Elevgl:	1	5858	Ew cd:	W	
Ftg ew:) .	1800	Ftg ns:	1650	
Gas prod 2:	}.	34636	Gas prod 3:	40814	
Gas prod 4:	F	0	Land type:	F	
Last prod :		2009-12	1		
Latitude:		36.7713298883			
Longitude:		-107.963167057			•
Nbr compls:	I	2	Ns cd:	N	۰
Ocd ul:	3	G	Ogrid cde:	14538	
Oil prod 2:	;	0	Oil prod 3:	0	
Oil prod 4:		0	One produc:	BASIN FRUITLAND	COAL (GAS)
		NIVIOG4000085837			
57 East 1/2 - 1 Mile	· ·	n na ser an an a'		OIL_GAS	NMOG4000085491
Acres:		320			
Api:		. 3004508940	Operator:	CONOCOPHILLIPS	COMPANY
Plug date:)	06/04/1982	Producing :	71599	
Property:	1	31550	Range:	11W	
Sdiv ul:	·;	11	Section:	35	
Spud date:	ł	06/12/1961	Township:	30.0N	
Tvd depth:	}	6825	Water inj :	0	
Water inj1:	•)	0	Water in 1:	0	
Water prod:	í.	105	Water pr 1:	107 [°]	
Water pr 2:		0 :	Well name:	FOGELSON 35 001	
Well type:		G			
Compl stat:		Active		-	
County:		San Juan	Days prod :	355	
Days prod1:		365	Days pro 1:	0	
Elevgi:		5771	Ew cd:	E	
Ftg ew:		2400	Ftg ns:	1180	•
Gas prod 2:		27086	Gas prod 3:	18351	
Gas prod 4:		0	Land type:	F	
Last prod :		2009-12			
Latitude:		36.7644497471			·
	Longitude: Nbr compls: Ocd ul: Oil prod 2: Oil prod 4: Site id:		-107.95985127 1 O 270 0 NMOG4000085491	Ns cd: Ogrid cde: Oil prod 3: One produc:	S 217817 151 BASIN DAKOTA (PRORATED GAS)
-----	--	---------	---	--	---
	38 NW 1/2 - 1 Mile				OIL_GAS NMOG4000085995
	Acres		40		
	Api:		3004509055	Operator	SUSAN SULLIVAN DBA LIZARD PRODUCTION
	Plug date:	3	01/22/1964	Broducing	48260
	Property:	, '	303182	Range:	11W/
	Sdiv ut	1	A 303102	Section:	34
	Solv ul. Spud date:	17 +	4. 08/13/1032	Township:	30 ON
	Tyd dooth		1424	Notor ini :	0
	Watar init:	2	1424	Water in 1	0
	water inj1:	,	0	water in 1:	0
÷	water prod:	1.	U	vvater pr 1:	
	water pr 2:	·· •	0 :	Well name:	SANGRE DE CRISTO 001
	Well type:		0		
	Compl stat:		Active	_ • .	· · ·
•	County:	.,	San Juan	Days prod :	365
	Days prod1:	J	365	Days pro 1:	0
	Elevgl:	1	5945	Ew cd:	W
	Ftg ew:	4. 1	165	Ftg 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:	I	1	Ns cd:	N
	Ocd ul:	ſ	D	Oarid cde:	244993
	Oil prod 2		0	Oil prod 3	0
	Oil prod 4:			One produc:	OSWELL FARMINGTON
	Site id		NMOG4000085995	one produce.	COMPLEE / / a daily to FOM
	One Id.		111100400000000000000000000000000000000		
					· · ·
	F39				
	NW	· ·		· · ·	OIL_GAS NMOG4000086072
	1/2 - 1 Mile				
	Acres:		161.62		
	Api:		3004524044	Operator:	SUSAN SULLIVAN DBA LIZARD PRODUCTION
	Plug date:	,	06/10/1994	Producing :	71200
	Property:		303182	Range:	11W
	Sdiv ul:		4	Section:	34
	Spud date		12/24/1979	Township	30.0N
	Tvd denth:		0	Water ini	0
	Water init:		0	Water inj . Water in 1:	0
	water inj1:		0	water in 1:	
	vvater prod:		U	vvater pr 1:	
	water pr 2:		V	Well name:	SANGRE DE CRISTO 002S

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Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Latitude: Longitude: Nbr compls: Ocd ul: Oil prod 2: Oil prod 4: Site id:

G Active San Juan 365 5869 580 689 0 2009-12 36.7743291477 -107.985090635 1 D 0

NMOG4000086072

0

Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type: Ns cd: Ogrid cde:

Oil prod 3:

One produc:

N 244993 0 AZTEC FRUITLAND SAND (GAS)

365

0

w

670

654

F

40 SSW

SSW 1/2 - 1 Mile OIL_GAS NMOG4000084893 Acres: 40 EL PASO NATURAL GAS Api: 3004508692 Operator: Plug date: Producing : 12/22/1976 0 Property: 30041 Range: 11W Sdiv ul: κ Section: 3 Spud date: 06/07/1953 Township: 29.0N Tvd depth: 2025 Water inj : 0 Water inj1: Water in 1: 0 0 Water prod: 0 Water pr 1: 0 Water pr 2: Well name: OSWELL 001 0 1 Well type: G Compl stat: Plugged County: San Juan Days prod : 0 Days prod1: 0 Days pro 1: 0 5688 Ew cd: W Elevgl: Ftg ew: 1650 Ftg ns: 1650 Gas prod 2: 0 Gas prod 3: 0 Gas prod 4: Ρ Land type: 0 Last prod : Not Reported 36.7519411533 Latitude: -107.982407647 Longitude: Nbr compls: Ns cd: s 1 214263 Ocd ul: Ogrid cde: 3 κ Oil prod 2: Oil prod 3: 0 0 } Oil prod 4: Not Reported 0 One produc: Site id: NMOG4000084893

41 NNW 1/2 - 1 Mile

OIL_GAS

NMOG4000086093

Acres:			40		
Api:			3004509078	Operator:	ORVILLE SLAUGHTER
Plug date:)		11/17/1988	Producing :	0
Property:	· ·	;	30041	Range:	11W
Sdiv ul:			D · ·	Section:	34
Spud date:			11/07/1988	Township:	30.0N
Tvd depth:)		0	Water inj	0
Water inj1:			0	Water in 1:	0
Water prod:			0	Water pr 1:	0
Water pr 2:			0	Well name:	SANGRE DE CRISTO 005
Well type:			0		
Compl stat:			Plugged		
County:	,		San Juan	Days prod :	0
Days prod1:)		0	Days pro 1:	0
Elevgi:	1		5893	Ew cd:	· W
Ftg ew:	J		700	Ftg ns:	460
Gas prod 2:)		0	Gas prod 3:	0
Gas prod 4:	ł+.		0	Land type:	F. ·
Last prod :			Not Reported		
Latitude:			36.7748970387		
Longitude:			-107.98467737		
Nbr compls:	1		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:			NMOG4000086093	•	•

42 South 1/2 - 1 Mile

Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Latitude: Longitude: Nbr compls: Ocd ul: Oil prod 2:

Oil prod 4:

Site id:

)

)

465.47 3004508653 12/01/1959 21334 0 06/03/1953 2034 0 790 0 G Active San Juan 365 5675 1650 52352 0 2009-12 36.750122529 -107.975542945 2 0 0

NMOG4000084782

0

Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd: Ftg ns:

Gas prod 3: Land type:

Ns cd: Ogrid cde: Oil prod 3: One produc: s 162928 0 BASIN FRUITLAND COAL (GAS)

TC3023357.1s Page A-34

NMOG4000084782

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5.74

ENERGEN RESOURCES CORPORATION 71629 11W 3 29.0N 0 0 750 MCCLURE 001

OIL_GAS

1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -

Map ID Direction

1:

G43 YZ + 1 Mile OIL_GAS NMOG40000085210 YZ + 1 Mile Arte: 451.78 Apt: 3004534624 004534624 Operator: BURLINGTON RESOURCES OIL ; GAS COMPANY LP Producing : Prug date: 0023/2008 Producing : 71/629 Property: 7026 Range: 11W Spud date: 0223/2008 Townshp: 23 ON Yord deptit: 2377 Water pr 1: 0 Water pr 2: 0 1 90 Water pr 2: 0 - Water pr 1: 0 Water pr 2: 0 - Water pr 1: 0 0 Days prod1: 325 Days prod 1: 122 Days prod 1: 0 Gas prod 2: 1 16602 Gas prod 3: 228059 Gas prod 4: 0 Latitude: 30.789479 Ev cd: Ns cd: N N Longitude: -107.991648417 Ns cd: NS 0 0 Latitude: 30.758547325 Longitude: 14538 0	Distance			Database EDR ID Number	
343 (Z - 1 Mile OIL_GAS NMOG40000845210 Artes: 451.78 Api: 3004534624 Operator: BURLINGTON RESOURCES OIL; GAS COMPANY LP Property: Plug date: 06/02/008 Producing: 71629 Property: 7025 Range: 11W Sqlu ut: 1 Section: 4 Spud date: 05/23/2008 Township: 29 N Valer prod: 2440 Water in 1: 0 Water prod: 2440 Water prod: 7000 Water prod: 2440 Water prod: 7000 Water prod: 2440 Water prod: 122 Days prod1: 365 Days prod: 122 Compl stat: Active County: San Juan Days prod: 122 Days prod1: 365 Days prod: 122 Lastord: Lastord: N County: San Juan Days prod: 122 Lastord: No Codo: Lastord: 200:12 Land type: F Las			· ·		
Acres: 451.78 3004334624 Operator: BURLINGTON RESOURCES OIL; GAS COMPANY LP Progetty: 7026 Range: 11W Squidit: 1 Section: 4 Spuid date: 05/23/2008 Township: 29.0N You depth: 2377 Water init: 0 Water prot: 2440 Water init: 0 Water prot: 2440 Water prot: 7060 Vater prot: 2440 Water prot: 7000 Water prot: 2440 Water prot: 7000 Compl stat: Active County: San Juan Days prot: 0 Casp prod 1: 365 Days prot: 0 22 0 Gas prod 2: 1040 Fig ns: 1005 Gas prod 2: 1060/2 Gas prod 4: 0 0 Land type: F 14/3 Kitz Nix Goudoob85210 Nix Goudoob85210 0 0 Api: 11/08/2004 Producing: 0 0	G43 NSW I/2 - 1 Mile	•		OIL_GAS NMOG4000085210	
App. 3004534224 Operator: BURLINGTON RESOURCES OIL; GAS COMPANY LP Phg date: 0608/2008 Producing: 71629 Section: 4 Sdivult: 1 15/23/2008 Township: Sdivult: 1 5/23/2008 Township: 23.0N Vater init: 0 Water init: 0 Water prod: 2440 Water init: 0 Water prod: 2440 Water init: 7300 Water prod: 2440 Water init: 0 Water prod: 2440 Water init: 7300 Water prod: 2440 Exercit: FOOELSON 4 100S Water prod: 2440 Exercit: FOOELSON 4 100S Water prod: 2440 Exercit: FOOELSON 4 100S Gas prod 4: 5879 Exercit: FOOELSON 4 100S Gas prod 2: 1 FOO Land type: F Last prod 1: 2009-12 Land type: F Last prod 1: Ket microsinge:	Acres:	451 78			
Program OB(08/2008 Producing : 71629 Property: 7006 Range: 11 Stivut: 1 1 Section: 4 Stivut: 1 0 Section: 4 Stivut: 1 0 Section: 4 Vid dipht: 2377 Water in 1: 0 0 Water inf: 0 0 Water in 1: 0 0 Water inf: 0 0 Water in 1: 0 0 Water in 1: 0 Compt: San Juan Days prod 1: 122 0 0 Edition: 1400 Fig and table: 0 Edition: 1005 Gas prod 2: 1400 Fig and table: 1005 Ga	Api	3004534624	Operator:	BURLINGTON RESOURCES OIL : GAS COMPAN	YLP
Property: 7028 Range: 11W Shirut: 1 Section: 4 Shirut: 1 Section: 4 Shirut: 1 Section: 4 Shirut: 23.0N Water in 1: 0 Water prod: 23.77 Water in 1: 0 Water prod: 24.40 Water in 1: 7300 Water prod: San Juan Days prod 1: 0 Elevgl: Safo 42 1040 Fig not: 1005 Gas prod 2: 16602 Gas prod 3: 226059 Gas prod 4: A Ogrid det: 14538 0 Oil prod 3: 0 NMOG40000084891 Izethdo: -107.991648417 Ns cd: N NMOG40000084891 0 <td>Plug date:</td> <td>06/08/2008</td> <td>Producing :</td> <td>71629</td> <td></td>	Plug date:	06/08/2008	Producing :	71629	
Sarruti 1 1 Section: 4 Spud date: 1 05/23/2008 Township: 20 N Vid depti: 2377 Water init: 0 Water init: 0 Water init: 0 Water prot: 2 2440 Water prot: 7300 Water prot: 0 ; Well type: 0 Complisat: Active Complisat: Active E Complisat: S579 E w cd: E E Fig ew: 5 1040 Fig ns: 1005 Gas prod 2: 1 14602 Gas prod 3: 226059 Gas prod 4: 0 Land type: F Last prod: 3758879325 Introd 4: N Codul: 4 Oil prod 3: 0 Oil prod 2: 0 Oil prod 3: 0 Oil prod 4: 0 Orderode: BURLINGTON RESOURCES OIL; GAS COMPANY LP Pug date: 1 0/0223/1953 Township: 2 Site id: NMOG40000085210 Oil Oil_GAS NMOG40000084891 <td>Property:</td> <td>7026</td> <td>Range</td> <td>11W</td> <td>•</td>	Property:	7026	Range	11W	•
Spud date 1 05/23/2008 Township: 28.0N Tvid deph: 2377 Water in 1: 0 Water in 1: 0 Water in 1: 0 Water in 1: 0 Water in 1: 0 Water prod: 2440 Water in 1: 0 Water prod: 2440 Water in 1: 0 Water prod: 3 2440 Water in 1: 0 Water prod: 3 2440 Water in 1: 0 Counly: San Juan Days prod 1: 122 0 Days prod 1: 365 Days prod 1: 0 128 Elevgi: 5879 Ew cd: E F Last prod 2: 1 16602 Gas prod 3: 226059 Gas prod 4: 7 0 Land type: F Last prod 2: 2 0 Oil prod 3: 0 Oil prod 2: 0 0 Oregrad BurkLingTON RESOURCES Oil; GAS COMPANY LP Proparth: 7333 </td <td>Sdiv ul:</td> <td>1</td> <td>Section</td> <td>4</td> <td></td>	Sdiv ul:	1	Section	4	
Tvi depth: 2377 Water inj :: 0 Water inj :: 0 0 Water inj :: 0 Water pr 2: 0 3 Complisat: Active 7300 Complisat: Active 122 Days prod 1: 365 Days pro 1: 0 Elevgl: 5879 Ev cd: E Fig ev: 5 1040 Fig ns: 1005 Gas prod 2: 16602 Gas prod 3: 226059 Last prod : 2009-12 Land type: F Last prod : 2 Ns cd: N Ocd uit A Ogrid cda: 14538 Oil prod 2: 0 Oil prod 3: 0 Oil prod 4: 0 Oprid cda: 14538 Vit depht: 7333 Range: 11W Acres: 80 Apce: 1002204 Producing :	Soud date:	05/23/2008	Townshin	29 0N	
Materiniti Dot Wateriniti O Water prod: 2440 Water pri: 7300 Water prod: 2440 Water pri: 7300 Water prod: 2440 Water pri: 7300 Water pri: 6 Counsistic Counsistic Complication San Juan Days prod : 122 Days prod : 365 Days prod : 0 Elevgi: 5379 Ew od: E Fig.ew: 1040 Fig.ns: 1005 Gas prod 4: 1 0 Land type: F Last prod: 2009-12 Land type: F Last prod: 226059 Gas prod 4: 0 0 Land type: F Last prod: 1005 Cod uit A Ogrid cde: 14538 Oil prod 3: 0 Oil prod 3: 0 Oil prod 2: 0 O Ord and Oil prod 3: 0 0 Property: 7333 Range: 11W Yet dapth:	Tyd denth:	2377	Water ini	0	
Value prof. 2440 Water pri: 7300 Water pri: 0 Water pri: 7300 Water pri: 0 Water pri: 7300 Water pri: 0 Water pri: 7300 Compliatat: Active FOGELSON 4 1005 Compliatat: Active E Days prod1: 365 Days pro1: 0 Elevgl: 5879 E w od: E Flg ew: 5 1040 Fig ns: 1005 Gas prod 2: 1 16602 Gas prod 3: 226059 Last prod : 2009-12 Latude: 1 1 Latude: 36.7585879325 Longitude: 1 4 Olit prod 3: 0 Oil prod 3: 0 0 Olit prod 4: A Ogrid ode: 14538 0 Olit prod 4: MOG400000085210 E E 1100 Api: 1108/2004 Producing : 0 0 Property: 1008	Water ini1:	0	Water in 1	0	
Water p 2: 2: 0 Water p 1: FOGELSON 4 100S Well type: G G G Complist: Active 122 Days prod1: 365 Days prod1: 0 Elwyl: 5879 Ew cd: E Flig ew: 1040 Flig ns: 1005 Gas prod 2: 16602 Gas prod 3: 226059 Gas prod 4: 0 Land type: F Last prod : 30.7758579325 Longitude: -107.991648417 Nbr complis: 2 Ns cd: N Ocd ut: Odi prod 2: 0 Oil prod 3: 0 Oil prod 3: Oil prod 4: 0 Operator: BURLINGTON RESOURCES OIL; GAS COMPANY LP Plog date: 11008/2004 Producing: 0 Oil prod 3: Ste 1004 Section: 2 Soudots: Section: 2 Viz 1 Mile Acres: 80 Soudots: 0 Oil prod 4: Cacres: 90	Water prod:	2440	Water or 1:	7300	
Matery 2. Both State Active County: San Juan Days prod : 122 Complisate: Active Days prod : 0 122 Days prod : 365 Days prot : 0 Eleval: 5879 Ew cd: E Fig ew: 3 1040 Fig ns: 1005 Gas prod 2: 16602 Gas prod 3: 228059 Gas prod 2: 16602 Gas prod 3: 228059 Last prod : 2009-12 Land type: F Latitude: -107.991648417 Ns cd: N Nbr complisit: 2 Ns cd: 14538 Oll prod 4: - 0 Oil prod 3: 0 Oll prod 4: NMOG40000085210 - - 44 SE 30 Operator: BURLINGTON RESOURCES OIL ; GAS COMPANY LP Plug date: 1100/2004 Producing : 0 - Stiv ut: 2 0 Water prot : 20N Stiv ut:	Water prod.	2440	Water print. Well name:	FOGELSON 4 100S	
View Type: O Complexit: Active County: San Juan Days prod : 122 Days prod 1: 365 Days prod 1: 0 Elevgl: 5879 Ew cd: E Flg ew: 1040 Flg ns: 1005 Gas prod 2: 1 16602 Gas prod 3: 226059 Gas prod 4: 0 Land type: F Last prod : 209-12. Latitude: 367585879325 Longitude: -107.991648417 Ns cd: N Nbr complis: 2 Ns cd: N Odd urit: A Ogrid cde: 145388 Oil prod 4: 0 One produc: BASIN FRUITLAND COAL (GAS) Site ki: NMOG40000085210 Magaata OilGAS Acres: 80 Age: 1108/2004 Producing : 0 Property: / 7333 Range: 111W Sdivul: 29.0N Sold date: 1 0 Water in 1:	Water pr 2	G	weil flame.	1 OBEEDON 4 1000	
Compsend Addres County: San Juan Days prod : 122 Days prod : 365 Days prot : 0 Elevel: 5879 Ew cd: E Flg ew: 3 1040 Flg ns: 1005 Gas prod 2: 1 18602 Gas prod 3: 226059 Gas prod 4: 0 Land type: F Last prod : 2009-12. Land type: F Last prod : 2009-12. Land type: F Long ludde: -107.991648417 Ns cd: N Ocd ul: A Ogrid cde: 14538 Oil prod 2: 0 Oil prod 3: 0 Oil prod 2: 0 Oil prod 3: 0 Stel di: NMOG40000085210 Hill Acres: 80 Api:	Compliatot:	Activo	•		
Columy: Safe Julan Days prod : 122 Days prod : 365 Days pro 1: 0 Elevejt: 5879 Ew cd: E Fig ew: 1040 Fig ns: 1005 Gas prod 1: 16602 Gas prod 3: 226059 Gas prod 1: 0 Land type: F Last prod : 2009-12. Land type: F Latitude: 36.7568579325 Longitude: 107.99164817 Nor complis: 2 O Oil prod 3: 0 Oil prod 2: 0 Oil prod 3: 0 Oil prod 4: 0 Viz - 1 Mile NMOG40000085210 NMOG40000084891 0 122 Viz - 1 Mile Site id: NMOG40000085210 BURLINGTON RESOURCES OIL; GAS COMPANY LP Property: / 7333 Range: 11/W Site id: Section: 2 Syd date: 11/08/2004 Producing: 0 0 2 5.00 Syd date: 0 223/1953 Township: 2 2 5.00 1.00 Syd date:	Compristat.	Active	Davia aread i	100	
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Site id: NMOG40000085210 44 SE OIL_GAS NMOG40000084891 35E 0 OIL_GAS NMOG40000084891 1/2 - 1 Mile Acres: 80 BURLINGTON RESOURCES OIL; GAS COMPANY LP Api:	Oil prod 4:	0	One produc:	BASIN FRUITLAND COAL (GAS)	4
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144 OIL_GAS NMOG40000084891 NZ - 1 Mile Acres: 80 Api: 3004508689 Operator: BURLINGTON RESOURCES OIL; GAS COMPANY LP Plug date: 11/08/2004 Producing: 0 Property: / 7333 Range: 11/W Sdiv ul: 2 L Section: 2 Spud date: 02/23/1953 Township: 29.0N 2 Yater inj1: 0 Water inj1: 0 Water inj1: 0 Water prod: 0 Water pr 1: 0 0 Water pr 2: 0 Water pr 2: 0 Well name: MURPHY A COM 001 Well name: MURPHY A COM 001 Well type: G G G G G G County: San Juan Days pro1: 0 0 G G Days pro11: 0 Gas prod 3: 0 G G Gas prod 2: 0 Gas prod 3: 0 G G Gas prod 4: 0 Land type: F F G G					
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Plug date:) 11/08/2004 Producing : 0 Property: / 7333 Range: 11/W Sdiv ul: 2 L Section: 2 Spud date: i 02/23/1953 Township: 29.0N Tvd depth:) 2051 Water inj: 0 Water inj1:) 0 Water in 1: 0 Water prod:) 0 Water pr 1: 0 Water pr 2: 0 i Well name: MURPHY A COM 001 Well type: G Compl stat: Plugged Image: 0 County: San Juan Days prod 1: 0 0 Image: Image: Elevgl: 5692 Ew cd: W W Image: Image: Image: Ftg ew: 990 Ftg ns: 1650 Image: Image: <td>Api:</td> <td></td> <td>Operator:</td> <td>BURLINGTON RESOURCES OIL ; GAS COMPAN</td> <td>YLP .</td>	Api:		Operator:	BURLINGTON RESOURCES OIL ; GAS COMPAN	YLP .
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Tvd depth: 2051 Water inj : 0 Water inj : 0 Water in 1: 0 Water prod: 0 Water pr 1: 0 Water pr 2: 0 Well name: MURPHY A COM 001 Well type: G MURPHY A COM 001 Well type: G G County: San Juan Days prod : 0 Days prod1: 0 Days pro 1: 0 Elevgl: 5692 Ew cd: W Ftg ew: 990 Ftg ns: 1650 Gas prod 2: 0 Gas prod 3: 0 Gas prod 4: 0 Land type: F	Spud date:	02/23/1953	Township:	29.0N	
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Water prod: 0 Water pr 1: 0 Water pr 2: 0 Well name: MURPHY A COM 001 Well type: G MURPHY A COM 001 Compl stat: Plugged Fig. O County: San Juan Days prod : O Days prod1: 0 Days pro 1: O Elevgl: 5692 Ew cd: W Ftg ew: 990 Ftg ns: 1650 Gas prod 2: 0 Gas prod 3: O Gas prod 4: 0 Land type: F	Water inj1:	0	Water in 1:	0	
Water pr 2:0Well name:MURPHY A COM 001Well type:GCompl stat:PluggedCounty:San JuanDays prod :0Days prod1:0Days pro 1:0Elevgl:5692Ew cd:WFtg ew:990Ftg ns:1650Gas prod 2:0Gas prod 3:0Gas prod 4:0Land type:F	Water prod:)	0	Water pr 1:	0	
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Compl stat:PluggedCounty:San JuanDays prod :0Days prod1:0Days pro 1:0Elevgl:5692Ew cd:WFtg ew:990Ftg ns:1650Gas prod 2:0Gas prod 3:0Gas prod 4:0Land type:F	Well type:	G			
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Days prod1: 0 Days pro 1: 0 Elevgl: 5692 Ew cd: W Ftg ew: 990 Ftg ns: 1650 Gas prod 2: 0 Gas prod 3: 0 Gas prod 4: 0 Land type: F	County:	San Juan	Days prod :	0	
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Ftg ew: 990 Ftg ns: 1650 Gas prod 2: 0 Gas prod 3: 0 Gas prod 4: 0 Land type: F	Eleval:	5692	Ew cd:	W	
Gas prod 2:0Gas prod 3:0Gas prod 4:0Land type:F	Fta ew:	990	Fta ns:	1650	
Gas prod 4: 0 Land type: F	Gas prod 2 [.]	0	Gas prod 3	0	
	Gas prod 4:	ő	Land type:	F	
Last prod : 2002-03	Last prod -	2002-03	Lana ype.		
Latinda	Latitudo:	36 7510352634			

Ocd ul: L Oil prod 2: 0 Oil prod 4: 0 Site id: NMOG40000084	Ogrid cde: Oil prod 3: One produc: 891	14538 0 Not Reported		•
G45 WSW 1/2 - 1 Mile		OIL_GAS	NMOG4000085219	•
Acres: 305.89				
Api: 3004532883	Operator:	BURLINGTON RES	SOURCES OIL ; GAS COMPA	ANY LP 🛛 🐄
Plug date: 07/30/2007	Producing :	71599		
Property: / 7026	Range:	11W		
Sdiv ul: 1	Section:	4		
Spud date: 05/08/2005	Township:	29.0N		• •
Tvd depth: 6875	Water inj :	0	. ·	· .
Water inj1: 0	.Water in 1:	0		
Water prod:) 426	Water pr 1:	730	_	
Water pr 2: 0	Well name:	FOGELSON 4 001E	E	1. A.
Well type: G	•			· · · ·
Complistat: Active	— • •		•	
County: San Juan	Days prod :	304		
Days prod 1: 365	Days pro 1:	, U		
Elevgi: 5884	EW CO:	E 075		'-`
Fig ew: 1085	Fig hs:	975		- 2.1
Gas prod 2: 35000	Gas prod 5:	60018	••	1.17.8 fe 1.8 e
Gas prod 4. 0	Land type.	F		
Last prod . 2009-12				•
Longitude:				
Nbr comple: 1	Ns cd:	N		•••
	Ogrid cde:	14538		
Oil prod 2: 190	Oil prod 3	305		1
Oil prod 4	One produc:	BASIN DAKOTA (P	RORATED GAS)	
Site id NMOG4000085	219			
	210			۰.
· .				
			·	17.1.7
				·2. 3
H46				
West	•	OIL_GAS	NMOG4000085530	
1/2 - 1 Mile				
Acres: 325.58	• •	•		
Api: 3004534844	Operator:	BURLINGTON RES	SOURCES OIL ; GAS COMPA	ANY LP
Plug date: 06/08/2008	Producing :	0		· ·
Property: ' 7237	Range:	11W		
Sdiv ul: 15	Section:	33		
Spud date: 02/23/2009	Township:	30.0N		
Tvd depth: 2431	Water inj :	0		
Water inj1: 0	Water in 1:	0		
Water prod: 0	Water pr 1:	192		
Water pr 2: 0	Well name:	LACKEY 100		
· .				

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Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Latitude: Longitude: Nbr compls: Ocd ul: Oil prod 2: Oil prod 4:

G Active San Juan 192 5901 1785 0 0 2009-12 36.7648830724 -107.993229838 1 0 0

NMOG4000085530

0

Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type:

Ns cd:

Ogrid cde: Oil prod 3: One produc:

s 14538 0

0 0

Ε

F

1280 33358

Not Reported

H47 West 1/2 - 1 Mile

Site id:

Acres: Api: Plug date: Property: Sdiv ul: Spud date: Tvd depth: Water inj1: Water prod: Water pr 2: Well type: Compl stat: County: Days prod1: Elevgl: Ftg ew: Gas prod 2: Gas prod 4: Last prod : Latitude: Longitude: Nbr compls: Ocd ul: Oil prod 2: Oil prod 4:

Site id:

325.58 -3004508977 11/28/2001 7010 10 07/05/1964 6801 0 275 0 G Active San Juan 365 5894 1795 30324 0 2009-12 36.7656666109 -107.993261635 1 J 214

.: 0

NMOG4000085595

Operator: Producing : Range: Section: Township: Water inj : Water in 1: Water pr 1: Well name: Days prod : Days pro 1: Ew cd: Ftg ns: Gas prod 3: Land type: Ns cd: Ogrid cde:

Oil prod 3:

One produc:

11W 33 30.0N 0 0 365 FEDERAL F 001

210

OIL GAS

NMOG4000085595

BURLINGTON RESOURCES OIL ; GAS COMPANY LP 71599 3.. ._.) ٠. ... 30 365 0 Ε 1565 26321 F s 14538

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BASIN DAKOTA (PRORATED GAS)

AREA RADON INFORMATION

State Dat	abase: NM Radon		· ·	·		
Radon	Test Results	•				
Zip	Total Sites	Pct. < 4 Pci/L	4 < 10 Pci/L	10 < 20 Pci/L	> 20 Pci/L	
— 87413	326	96.2	0.0	0.0	3.8	
Federal E Note:	PA Radon Zone fo Zone 1 indoor aver Zone 2 indoor aver Zone 3 indoor aver	r SAN JUAN County age level > 4 pCi/L. age level >= 2 pCi/L age level < 2 pCi/L.	: 2 and <= 4 pCi/L.			
Federal A Number o	vrea Radon Informa	tion for Zip Code: 8	37413			
Area		Average Activity	% <4 pCi/L	% 4-20 p	Ci/L % >20 p)Ci

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

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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.

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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

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