SITE REMEDIAL PROPOSAL

RECD 3.23.07

CONOCOPHILLIPS STATE E LEASE

EPI REF: #150010
NMOCD: 1RP#1183

UL-I (NE¼ OF THE SE¼) OF SECTION 20, T 22 S, R 36 E

~8.2 MILES WEST- SOUTHWEST OF EUNICE,

LEA COUNTY, NEW MEXICO

LATITUDE: N 32° 22' 31.75" LONGITUDE: W 103° 16' 44.61"

MARCH 2007

PREPARED BY:

ENVIRONMENTAL PLUS, INC.
2100 AVENUE O
EUNICE, NEW MEXICO 88231

PREPARED FOR:

ConocoPhillips

Distribution List

Site Remedial Proposal

ConocoPhillips State E Lease

NMOCD Ref. 1RP#1183; EPI Ref. #150010

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File	--	Environmental Plus, Inc.	2100 Avenue 'O' P.O. Box 1558 Eunice, NM 88231	dduncan@envplus.net

STANDARD OF CARE

Site Remedial Proposal

ConocoPhillips - State E Lease

(NMOCD Ref. #1RP-1183; EPI Ref. #150010)

The information provided in this report was collected consistent with the New Mexico Oil Conservation Division (NMOCD) *Guidelines for Remediation of Leaks, Spills and Releases* (August 13, 1993), the NMOCD *Unlined Surface Impoundment Closure Guidelines* (February, 1993) and Environmental Plus, Inc. (EPI) *Standard Operating Procedures and Quality Assurance/Quality Control Plan*. The conclusions are based on field observations and laboratory analytical reports as presented in the report. Recommendations follow NMOCD guidance and represent the professional opinions of EPI staff. These opinions were derived using currently accepted geologic, hydrogeologic and engineering practices at this time and location. The report was prepared or reviewed by a certified or registered professional with a background in engineering, environmental and/or natural sciences.

This report was prepared by:

David P. Duncan
Civil Engineer

Date

This report was reviewed by:

Jason Stegemoller
Environmental Scientist

Date

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1.0 PROJECT SYNOPSIS

Site Specific:

- ***Company Name:*** ConocoPhillips
- ***Facility Name:*** State E Lease
- ***Project Reference:*** NMOCD Ref. #1RP-1183; EPI Ref #150010
- ***Company Contact(s):*** John Abney
- ***Site Location:*** WGS84 N32° 22' 31.75"; W103° 16' 44.61"
- ***Legal Description:*** Unit Letter-I, (NE¼ of the SE¼), Section 20, T 22 S, R 36 E
- ***General Description:*** Approximately 8.2-miles west-southwest of Eunice, New Mexico
- ***Elevation:*** ~3,536-ft amsl
- ***Land Ownership:*** Land- Millard Deck Estate; Minerals-State of New Mexico
- ***EPI Personnel:*** Project Consultant – David P. Duncan

Release Specific:

- ***Product Released:*** Produced water
- ***Volume Released:*** ~88-bbls
- ***Volume Recovered:*** Zero
- ***Time of Occurrence:*** 4/07/05
- ***Time of Discovery:*** 4/07/05 @800 hrs
- ***Release Source:*** Spill release from a produced water polypropylene pipeline
- ***Initial Surface Area Affected:*** ~ 1,600 square feet

Remediation Specific:

- ***Final Vertical extent of contaminates:*** ~ 5-feet bgs (based on analytical data from soil borings)
- ***Water wells within 1,000-ft:*** None
- ***Private domestic water sources within 200-ft:*** None
- ***Depth to Ground Water:*** >100-ft bgs
- ***Surface water bodies within 1,000-ft:*** None
- ***NMOCD Site Ranking Index:*** Zero (0) points (>100-ft to top of water table and >1,000-ft from water source)
- ***Remedial goals for Soil:*** TPH – 5,000 mg/Kg; BTEX – 50 mg/Kg; Benzene – 10 mg/Kg; Chloride residuals may not be capable of impacting groundwater above NMWQCC groundwater standards of 250 mg/Kg.
- ***RCRA Waste Classification:*** Exempt
- ***Remediation Option Proposed:*** a) Impacted soil above NMOCD remedial threshold goals will be excavated and transported to a State approved disposal facility; b) conduct laboratory analyses to confirm removal of soil impacted above NMOCD remedial threshold goals in sidewalls and bottom of the excavation; c) if necessary, isolate residual chlorides in excavation bottom with a compacted clay or polyethylene barrier; d) backfill excavation with caliche to within two-feet (2') of original ground surface and remainder with clean topsoil ; e) grade area to allow natural drainage; f) seed area with a blend preferred by the land owner
- ***Treatment/Disposal Facility:*** Impacted soil will be transported to a State approved disposal facility
- ***Volume disposed:*** Not Applicable
- ***Project Completion Date:*** Ongoing

2.0 SITE AND RELEASE INFORMATION

2.1 ***Describe the land use and pertinent geographic features within 1,000 feet of the site.***
Surface rights for the land surrounding the release site are owned by the Millard Deck Estate and mineral rights are owned by the State of New Mexico. The area is an established oil field with pump jacks, tank batteries, pipelines, lease roads and other petroleum related facilities. The surrounding land is also used for livestock grazing.

2.2 ***Identify and describe the source or suspected source(s) of the release.***
Produced water release from a three inch (3") diameter polypropylene pipeline

2.3 ***What was the volume of the release? (if known):*** ~88 ***barrels of*** produced water

2.4 ***What was the volume recovered? (if known)***: Zero (0) ***barrels***

2.5 ***When did the release occur? (if known):*** Date-7-April-2005

2.6 ***Geological Description***
The United States Geological Survey (USGS) Ground-Water Report 6, *"Geology and Ground-Water Conditions in Southern Lea County, New Mexico," A. Nicholson and A. Clebsch, 1961*, describes the near surface geology of southern Lea County as "an intergrade of the Quaternary Alluvium (QA) sediments (i.e., fine to medium sand, with the mostly eroded Cenozoic Ogallala (CO) formation). Typically, the QA and CO formations in the area are capped by a thick interbed of caliche and generally overlain by sandy soil."

The release site is located in the Eunice Plains physiographic subdivision, described by Nicholson & Clebsch as an area "underlain by a hard caliche surface and is entirely covered by reddish-brown dune sand." The thickness of sand cover ranges from 2 to 5 feet in most areas to as much as 20-30 feet in drift areas.

2.7 ***Ecological Description***
The site is located in the Eunice Plains physiographic subdivision. Vegetation consists of semi-desert grasslands interspersed with Honey Mesquite (*Prosopis glandulosa*), annual and perennial forbs. Mammals represented include Orrd's and Merriam's Kangaroo Rats, Deer Mouse, White Throated Wood Rat, Cottontail Rabbit, Black Tailed Jackrabbit, Mule Deer, Bobcat, Red Fox and Coyote. Reptiles, amphibians, and birds are numerous and typical of area. A survey of *Listed*, *Threatened*, or *Endangered* species was not conducted.

2.8 ***Area Groundwater***
The unconfined groundwater aquifer at this site is projected to be >100-ft bgs based on water depth data obtained from the New Mexico State Engineers Office and United States Geological Survey data base (reference *Table 2*).

2.9 ***Area Water Wells***
No public water supply wells are located within 1,000-feet of the release site. In addition, no private domestic fresh water wells or springs used by less than five households for domestic or stock watering purposes exist within 200-feet of the release site (reference *Table 1* and *Figure 2*).

2.10 ***Area Surface Water Features***
No surface water features exist within 1,000 feet of the release site (reference *Figure 2*).

3.0 NMOCD SITE RANKING

Contaminant delineation and remedial work done at this site indicate chemical parameters of the soil and physical parameters of the groundwater were consistent with the characterization and remediation/abatement goals and objectives set forth in the following New Mexico Oil Conservation Division (NMOCD) publications:

- ***Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993)***
- ***Unlined Surface Impoundment Closure Guidelines (February, 1993)***
- ***Pit and Below-Grade Tank Guidelines (November, 2004)***

Acceptable thresholds for contaminants/constituents of concern (CoC) were determined based on the NMOCD Ranking Criteria as follows:

- *Depth to Groundwater (i.e., distance from the lower most acceptable concentration to ground-water);*
- *Wellhead Protection Area (i.e., distance from fresh water supply wells);*
- *Distance to Surface Water Body (i.e., horizontal distance to all down gradient surface water bodies).*

Based on the proximity of the site to protectable area water wells, surface water bodies and depth to groundwater from the lower most contamination, the NMOCD ranking score for the site is Zero (0) points with the soil remedial goals highlighted in the Site Ranking table presented below:

1. GROUNDWATER	2. WELLHEAD PROTECTION AREA	3. DISTANCE TO SURFACE WATER
Depth to GW <50 feet: **20 points**	If <1,000' from water source, or <200' from private domestic water source: ***20 points***	<200 horizontal feet: ***0 points***
Depth to GW 50 to 99 feet: ***10 points***		200-1,000 horizontal feet: ***10 points***
Depth to GW >100 feet: **0 points**	If >1,000' from water source, or >200' from private domestic water source: ***0 points***	>1,000 horizontal feet: ***0 points***
Site Rank (1+2+3) = 0 + 0 + 0 = 0 points		

Total Site Ranking Score and Acceptable Remedial Goal Concentrations			
Parameter	20 or >	10	0
Benzene[1]	10 ppm	10 ppm	10 ppm
BTEX[1]	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1,000 ppm	5,000 ppm

[1] A field soil vapor headspace measurement of 100 ppm can be substituted in lieu of laboratory analyses for benzene and BTEX.

4.0 EXCAVATED SOIL INFORMATION

4.1 ***Was soil excavated for off-site treatment or disposal?*** ☐ ***Yes*** ☒ ***No***
Date excavated: Not applicable

Total volume removed: Not applicable

4.2 ***Indicated soil treatment type:***

- ☒ ***Disposal***
- ☐ ***Land Treatment***
- ☐ ***Composting/Biopiling***
- ☐ ***Other*** ( )

Name and location of treatment/disposal facility:
Impacted soil will be disposed at a State approved disposal facility.

5.0 SAMPLING INFORMATION

5.1 Briefly describe the field screening methods used to distinguish contaminated from uncontaminated soil.

During the advancement of two (2) soil borings (BH-1 and BH-2), soil samples were collected at five foot (5-ft) intervals. Soil samples were analyzed in the field for organic vapor and chloride concentrations utilizing the methods described below:

Organic Vapor Concentrations – A portion of each soil sample was inserted into a self-sealing polyethylene bag to allow for volatilization of organic vapors. After the samples equilibrated to ~70° F, they were analyzed for organic vapor concentrations utilizing a MiniRae® Photoionization Detector (PID) equipped with a 10.6 electron volt (eV) lamp.

Chloride Concentrations – A LaMotte Chloride Test Kit was used for analyses of chloride concentrations.

Soil samples collected during the excavation of impacted material will be analyzed for organic vapor and chloride concentrations utilizing the methods as described above.

5.2 Briefly describe the soil analytical sampling and handling procedures used.

Soil samples were collected during the advancement of two (2) soil borings utilizing a hollow core drill. Soil samples were collected at five foot (5-ft) intervals from original ground surface to total depth (TD) of each respective boring hole.

A portion of each soil sample collected was immediately put into laboratory containers, appropriately labeled and placed on ice for submittal to an independent laboratory for quantification of total petroleum hydrocarbons (TPH), benzene, toluene, ethylbenzene and total xylenes (BTEX) and chloride concentrations. The remaining portion of each sample was analyzed in the field for chloride and organic vapor concentrations utilizing methods described in Section 5.0, ***Sampling Information***, Subsection 5.1.

5.3 Discuss sample locations and provide rationale for their locations.

From April 19 through April 27, 2005, two (2) soil borings were advanced to varying depths within the confines of the release area to delineate vertical extent of contamination (reference *Figure 4*). Soil boring hole BH-1 was advanced to a total depth (TD) of sixty-five feet (65-ft). Soil samples were collected at ground surface and at five foot (5-ft) intervals thereafter to delineate the vertical extent of soil contamination. Locale for BH-1 was chosen to be within close proximity of the point of release which should contain elevated concentration of contaminants (reference Appendix III, *Soil Boring Logs*).

Soil boring hole BH-2, located approximately twenty-five feet (25-ft) south of BH-1, was advanced to a total depth (TD) of thirty-five feet (35-ft). Soil samples were collected at ground surface and at five foot (5-ft) intervals thereafter to delineate vertical extent of contamination. Locale for BH-2 was chosen to indicate lateral as well as vertical extent of the impacted area (reference Appendix III, *Soil Boring Logs*).

6.0 ANALYTICAL RESULTS

6.1 Describe the vertical and horizontal extent and magnitude of soil contamination.

Laboratory analyses of soil samples collected on the surface area prior to advancement of soil boring hole BH-1 indicated concentrations of BTEX at 18.7 mg/Kg, TPH at 4,140 mg/Kg and chloride at 37,000 mg/Kg. TPH concentrations exceeded NMOCD threshold goals of 5,000 mg/Kg while chloride concentrations exceeded remedial threshold goals of 250 mg/Kg. Analysis of soil samples collected at five feet (5-ft) below ground surface (bgs) indicated concentrations of BTEX and TPH were at or below laboratory analytical method detection limits (MDL). Laboratory analyses of BTEX and TPH concentrations were not conducted in the intervals of ten feet (10-ft) to sixty-five feet (65-ft) as field analyses of organic vapor concentrations were non-detectable. However, during these intervals chloride concentrations ranged from 294 mg/Kg (10-ft bgs) to 1,070 mg/Kg (65-ft bgs) (reference *Figure 4* and *Table 2*).

Laboratory analyses of soil samples collected on the surface prior to advancement of soil boring hole BH-2 indicated concentrations of BTEX at 0.103 mg/Kg, TPH at 18,100 mg/Kg and chloride at 1,030 mg/Kg. TPH and chloride concentrations exceeded NMOCD remedial threshold goals of 5,000 mg/Kg and remedial threshold goals of 250 mg/Kg, respectively. BTEX concentrations were below NMOCD threshold goals of 50 mg/Kg. Analyses of soil samples collected at five feet (5-ft) bgs indicated concentrations of BTEX and TPH were at or below laboratory analytical method detection limits (MDL). Laboratory analyses for BTEX and TPH were not conducted in the intervals of ten feet (10-ft) bgs to thirty-five feet (35-ft) bgs as field analyses of organic vapor concentrations were non-detectable. Chloride concentrations during these intervals ranged from 431 mg/Kg (10-ft bgs) to 717 mg/Kg (15-ft bgs) exceeding remedial threshold goals of 250 mg/Kg (reference *Figure 4* and *Table 2*).

In reviewing analytical data in *Table 2*, the vertical extent of soil impacted with BTEX and TPH constituents exists from ground surface to approximately five feet (5-ft) bgs. Chloride concentrations of concern extended from ground surface to sixty-five feet (65-ft) bgs. Horizontal extent of BTEX, TPH and chloride contamination is uniform in the interval between the two (2) soil borings. A background soil sample collected in the vicinity near the release area indicated chloride concentration at 320 mg/Kg. This indicates natural soil in vicinity of the release area may have elevated concentrations of chloride.

Is surface soil contamination present at the site (i.e., soil in the uppermost two feet that is visibly stained, contaminated at greater than 10 ppm (PID) or hydrocarbon saturated)?

☒ *yes* ☐ *no*

If yes, attach a site map identifying extent(s) of surface soil contamination.

Figure 4 shows the two (2) soil boring holes locales within the confines of the contaminated area. The surface area contains high concentrations of BTEX, TPH and chloride. Staining of soil by these contaminants is noticeable in photographs of the release area (reference Appendix II, *Project Photographs*).

7. 0 DISCUSSION

7.1 Discuss the risks associated with the remaining soil contamination:

Based on depth to groundwater (>100-ft bgs), chloride residuals in the soil should not be capable of impacting groundwater above NMWQCC Groundwater Standards of 250 mg/L. In the event concerns about possible contamination of groundwater exist, an impermeable barrier (i.e., compacted clay, PVC liner or equivalent) can be placed on bottom of the excavation to retard vertical migration of residual chlorides.

7.2 Discuss the risks associated with the impacted groundwater: Not Applicable

7.3 Discuss other concerns not mentioned above: Not Applicable

8.0 CONCLUSIONS AND RECOMMENDATIONS

8.1 ***Recommendation for the site:***

- ☐ ***Site Closure***
- ☐ ***Additional Groundwater Monitoring***
- ☒ ***Corrective Action***

8.2 ***Base the recommendation above on Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993). Describe below how you applied the policy to support your recommendation. If closure is recommended, please summarize significant site investigative events and describe how site specific risk issues have been adequately addressed or minimized to acceptable low risk levels.*** Not Applicable

8.3 ***If additional groundwater and monitoring is recommended, indicate the proposed monitoring schedule and frequency. Conduct quarterly monitoring until the NMOCD responds to this report.*** Not Applicable

8.4 ***If corrective action is recommended, provide a conceptual approach.***

A review of *Table 2* indicates soil is contaminated from original ground surface to approximately five feet (5-ft) bgs. Recommended remedial activity for this site is excavation of the entire visible contaminated surface area (~1,600 ft^2) to a depth of five feet (5-ft) plus two feet (2-ft) below bottom of existing produced waterline. During the course of excavation, soil samples collected at random locations will be analyzed in the field for chloride and volatile organic vapors concentrations per analytical methods described in Section 5, ***Sampling Information***, under Subsection 5.1. Areas showing concentrations in excess of remedial threshold goals for either contaminant, especially sidewalls, will be excavated until the area comes into compliance. Upon completion of excavation to the desired depth (~5-ft bgs), soil samples collected from sidewalls and bottom will be analyzed in the field for chloride and organic vapor concentrations. With field verification of organic vapors and chloride concentrations below NMOCD remedial threshold goals for this site, soil samples will be collected at random locations from sidewalls and bottom of the excavated area with submittal to an independent laboratory for analyses of BTEX, TPH and chloride concentrations. Upon receipt of laboratory analytical results indicating contaminants are below NMOCD remedial threshold goals, backfilling of the excavated area will commence.

Restoration of the excavated area will consist of backfilling with caliche to within two feet (2-ft) of original ground surface and clean top soil in the upper two foot (2-ft) section. The produced water polypropylene pipeline will be enveloped in bedding sand for protection and isolation from the caliche backfill. Although chloride concentrations are elevated from a vertical depth of five feet (5-ft) to sixty-five feet (65-ft) bgs, migration of this contaminant to groundwater (>100-ft bgs) is not anticipated. In the event concerns are raised about this occurrence, an impermeable barrier (i.e., compacted clay, PVC liner or equivalent) can be installed in the bottom of the excavation to mitigate the possibility of groundwater contamination.

After completion of backfill operations, the entire disturbed area will be graded to allow natural drainage. The disturbed area is to be seeded with a grass blend preferred by the property owner.

FIGURES

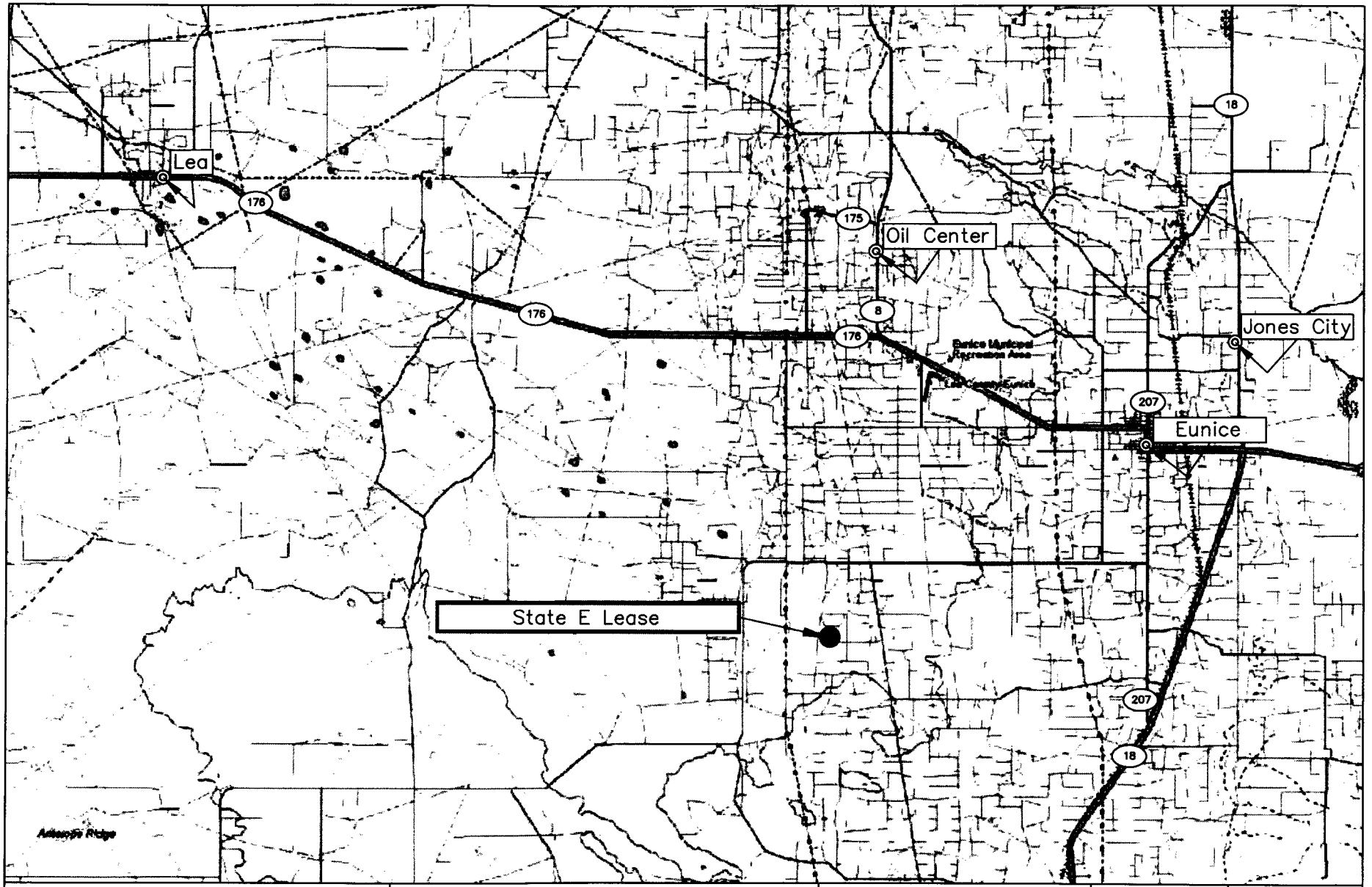

Figure 1 Area Map ConocoPhillips State E Lease	Lea County, New Mexico NE 1/4 of the SE 1/4, Sec. 20, T22S, R36E N 32° 22' 31.75" W 103° 16' 44.61" Elevation: 3,536 feet amsl	DWG By: Daniel Dominguez April 2006 0 3 6 Miles	REVISED: SHEET 1 of 1

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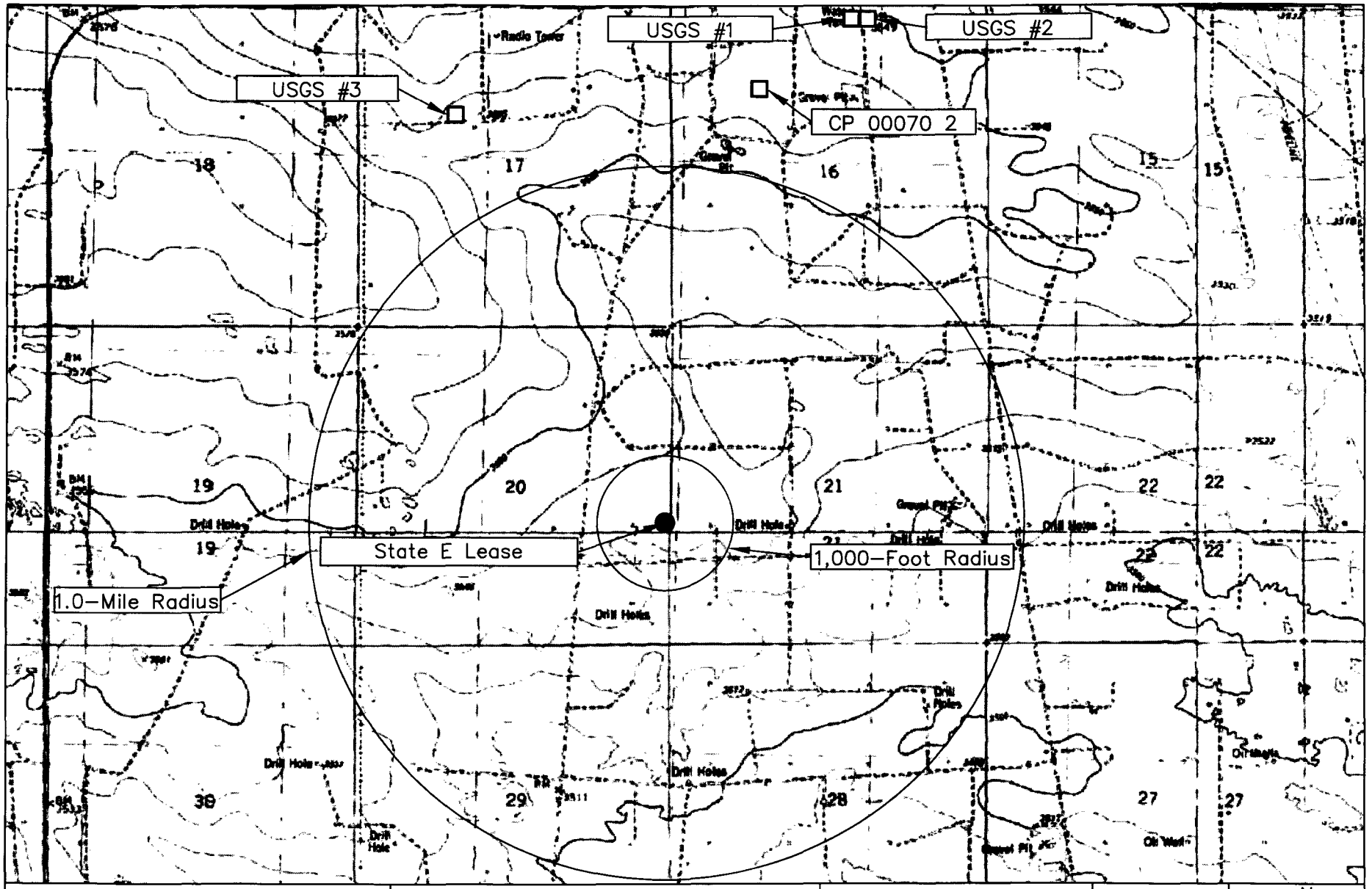

Figure 2 Site Map ConocoPhillips State E Lease	Lea County, New Mexico NE 1/4 of the SE 1/4, Sec. 20, T22S, R36E N 32° 22' 31.75" W 103° 16' 44.61" Elevation: 3,536 feet amsl	DWG By: Daniel Dominguez April 2006 0 2,000 4,000 Feet	REVISED: SHEET 1 of 1

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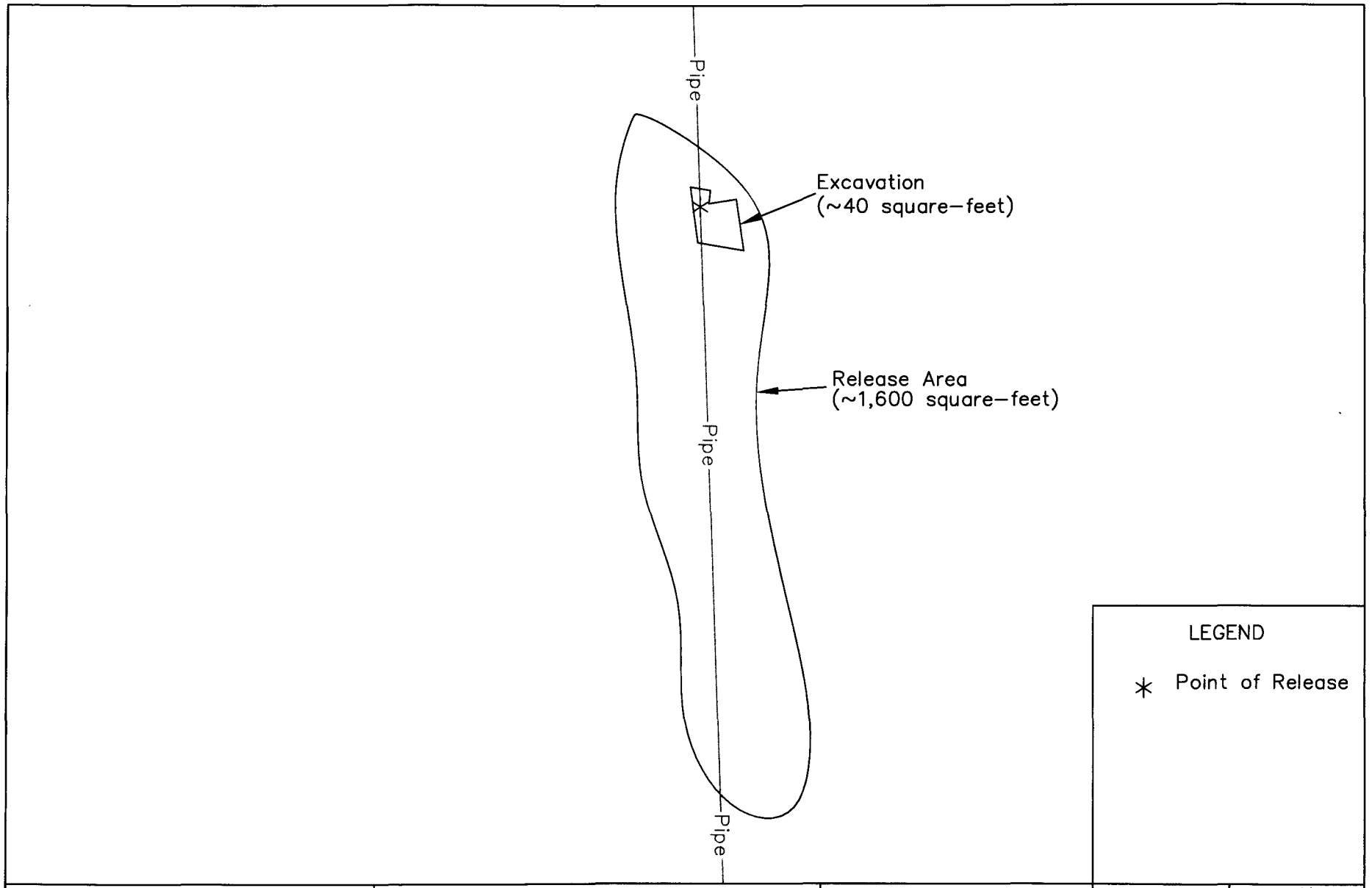

Figure 3 Site Map ConocoPhillips State E Lease	Lea County, New Mexico NE 1/4 of the SE 1/4, Sec. 20, T22S, R36E N 32° 22' 31.75" W 103° 16' 44.61" Elevation: 3,536 feet amsl	DWG By: Daniel Dominguez April 2006	REVISED:	SHEET 1 of 1

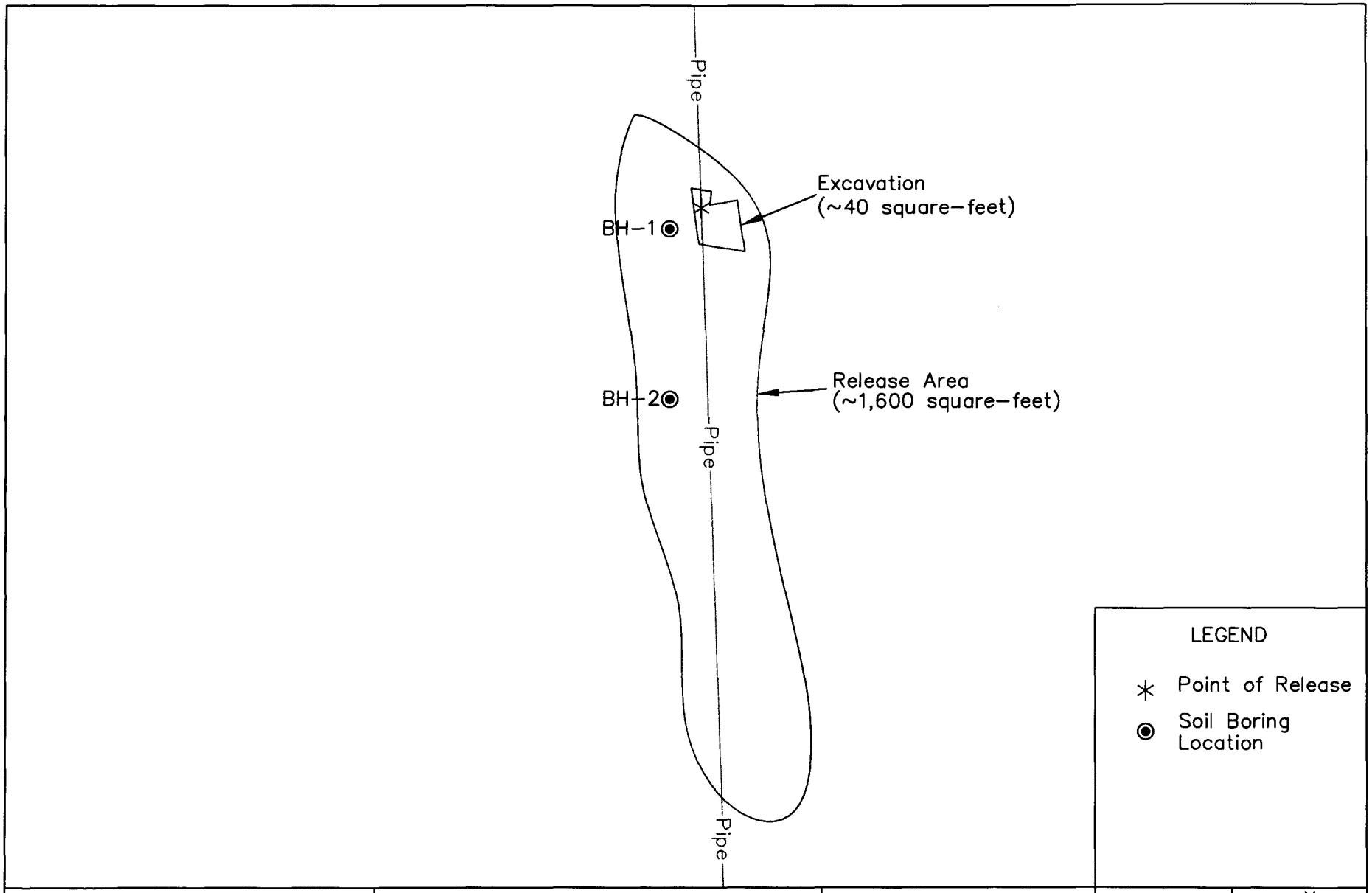

Figure 4 Soil Boring Map ConocoPhillips State E Lease	Lea County, New Mexico NE 1/4 of the SE 1/4, Sec. 20, T22S, R36E N 32° 22' 31.75" W 103° 16' 44.61" Elevation: 3,536 feet amsl	DWG By: Daniel Dominguez April 2006	REVISED:	SHEET 1 of 1

TABLES

TABLE 1

Well Data

Conoco Phillips - State E Lease (Ref. # 150010)

Well Number	Diversion[A]	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation[B]	Depth to Water
											(ft bgs)
CP 00070 2	3	MCVAY DRILLING CO.	STK	22S	36E	16 1 2 2	N32° 23' 42.95"	W103° 16' 26.28"	05-Oct-72	3,565	170
USGS #1				22S	36E	16 2 1 1			15-Feb-96	3,549	175.28
USGS #2				22S	36E	16 2 1 1			07-Mar-86	3,549	174.09
USGS #3				22S	36E	17 1 4 1			03-Dec-70	3,565	484.06

[A] = in acre feet per annum
[B] = Elevation interpolated from USGS topographical map based on referenced location
STK = 72-12-1 Livestock watering
quarters are 1=NW, 2=NE, 3=SW, 4=SE; quarters are biggest to smallest
Shaded areas indicate wells not shown on Figure 2

TABLE 2

Summary of Soil Boring Soil Sample Field Analyses and Laboratory Analytical Results

ConocoPhillips

State E Lease

NMOCD 1RP-#1183; EPI Ref. #150010

Sample I.D.	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (as gasoline) (mg/Kg)	TPH (as diesel) (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
BH-1 (surface)	Surface	In-Situ	19-Apr-05	6.3	12,000	0.749	2.51	4.55	18.7	26.5	1050	4,140	**5,190**	**37,000**
BH-1 (5')	5	In-situ	19-Apr-05	0.0	480	<0.0250	<0.0250	<0.0250	<0.0500	<0.1250	<10.0	<10.0	<20.0	241
BH-1 (10')	10	In-Situ	19-Apr-05	0.0	400	--	--	--	--	--	--	--	--	**294**
BH-1 (15')	15	In-Situ	19-Apr-05	0.0	560	-	--	--	--	--	--	--	--	**576**
BH-1 (20')	20	In-Situ	19-Apr-05	0.0	720	--	--	--	--	--	--	--	--	**608**
BH-1 (25')	25	In-Situ	19-Apr-05	0.0	720	--	--	--	--	--	--	--	--	**529**
BH-1 (30')	30	In-Situ	26-Apr-05	0.0	640	--	--	--	--	--	--	--	--	**577**
BH-1 (35')	35	In-Situ	26-Apr-05	0.0	560	--	--	--	--	--	--	--	--	**591**
BH-1 (40')	40	In-Situ	26-Apr-05	0.0	480	--	--	--	--	-	--	--	--	**446**
BH-1 (45')	45	In-Situ	26-Apr-05	0.0	400	--	--	--	--	--	--	--	--	**305**
BH-1 (50')	50	In-Situ	26-Apr-05	0.0	480	--	--	--	--	--	--	--	--	**389**
BH-1 (55')	55	In-Situ	26-Apr-05	0.0	480	--	--	--	--	--	--	--	--	**461**
BH-1 (60')	60	In-Situ	26-Apr-05	0.0	800	--	--	--	--	--	--	--	--	**718**
BH-1 (65')	65	In-Situ	27-Apr-05	0.0	1,200	-	--	--	--	--	--	--	--	**1,070**

TABLE 2

Summary of Soil Boring Soil Sample Field Analyses and Laboratory Analytical Results

ConocoPhillips

State E Lease

NMOCD 1RP-#1183; EPI Ref. #150010

Sample I.D.	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (as gasoline) (mg/Kg)	TPH (as diesel) (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
BH-2 (surface)	Surface	In-Situ	27-Apr-05	4.9	12,000	<0.0250	0.0369	0.0368	0.029	0.103	401	18,100	**18,501**	**1,030**
BH-2 (5')	5	In-situ	27-Apr-05	0	320	<0.0250	<0.0250	<0.0250	<0.0500	<0.1250	<10.0	J [6.55}	<20.0	174
BH-2 (10')	10	In-situ	27-Apr-05	0	560	--	--	--	--	--	--	--	--	**431**
BH-2 (15')	15	In-situ	27-Apr-05	0	800	--	--	--	--	--	--	--	--	**717**
BH-2 (20')	20	In-situ	27-Apr-05	0.0	560	--	--	--	--	--	--	--	--	**539**
BH-2 (25')	25	In-situ	27-Apr-05	0.0	560	--	--	--	--	--	--	--	--	**580**
BH-2 (30')	30	In-situ	27-Apr-05	0	560	--	--	--	--	--	--	--	--	**479**
BH-2 (35')	35	In-situ	27-Apr-05	0.0	560	--	--	--	--	--	--	--	--	**526**
Background	Surface	In-situ	19-Apr-05	--	320	--	--	--	--	--	--	--	--	22
NMOCD Remedial Threshold Goals				100		10				50			5,000	250 [1]

Bolded values are in excess of NMOCD Remediation Thresholds

[1] Chloride and sulfate residuals may not be capable of impacting groundwater above NMWQCC Groundwater Standards of 250 mg/L and 600 mg/L, respectively

J = Detected, but below Reporting Limits. Therefore, result ia an estimated concentration (CLP J-Flag)

-- = Not Analyzed

ND = Not Detected

BH = Boring Hole

APPENDICES

APPENDIX I

LABORATORY ANALYTICAL REPORTS
AND
CHAIN-OF-CUSTODY FORM

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Iain Olness

Environmental Plus, Incorporated

P.O. Box 1558

Eunice, NM 88231

Project: Conoco Phillips/ State E Lease

Project Number: 150010

Location: None Given

Lab Order Number: 5D29014

Report Date: 05/05/05

Environmental Plus, Incorporated	Project: Conoco Phillips/ State E Lease	Fax: 505-394-2601
P.O. Box 1558	Project Number: 150010	**Reported:**
Eunice NM, 88231	Project Manager: Iain Olness	05/05/05 11:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-1 (Surface)	5D29014-01	Soil	04/19/05 09:27	04/29/05 14:10
BH-1 (5')	5D29014-02	Soil	04/19/05 09:32	04/29/05 14:10
BH-1 (10')	5D29014-03	Soil	04/19/05 11:36	04/29/05 14:10
BH-1 (15')	5D29014-04	Soil	04/19/05 12:58	04/29/05 14:10
BH-1 (20')	5D29014-05	Soil	04/19/05 13:38	04/29/05 14:10
BH-1 (25')	5D29014-06	Soil	04/19/05 15:30	04/29/05 14:10
BH-1 (30')	5D29014-07	Soil	04/26/05 08:40	04/29/05 14:10
BH-1 (35')	5D29014-08	Soil	04/26/05 09:37	04/29/05 14:10
BH-1 (40')	5D29014-09	Soil	04/26/05 10:20	04/29/05 14:10
BH-1 (45')	5D29014-10	Soil	04/26/05 11:27	04/29/05 14:10
BH-1 (50')	5D29014-11	Soil	04/26/05 12:44	04/29/05 14:10
BH-1 (55')	5D29014-12	Soil	04/26/05 14:59	04/29/05 14:10
BH-1 (60')	5D29014-13	Soil	04/26/05 16:10	04/29/05 14:10
BH-1 (65')	5D29014-14	Soil	04/27/05 09:00	04/29/05 14:10
BH-2 (Surface)	5D29014-15	Soil	04/27/05 10:15	04/29/05 14:10
BH-2 (5')	5D29014-16	Soil	04/27/05 10:39	04/29/05 14:10
BH-2 (10')	5D29014-17	Soil	04/27/05 11:06	04/29/05 14:10
BH-2 (15')	5D29014-18	Soil	04/27/05 11:18	04/29/05 14:10
BH-2 (20')	5D29014-19	Soil	04/27/05 11:45	04/29/05 14:10
BH-2 (25')	5D29014-20	Soil	04/27/05 12:31	04/29/05 14:10
BH-2 (30')	5D29014-21	Soil	04/27/05 12:44	04/29/05 14:10
BH-2 (35')	5D29014-22	Soil	04/27/05 14:59	04/29/05 14:10
Background	5D29014-23	Soil	04/19/05 00:00	04/29/05 14:10

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P.O. Box 1558	Project Number: 150010	**Reported:**
Eunice NM, 88231	Project Manager: Iain Olness	05/05/05 11:47

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-1 (Surface) (5D29014-01) Soil									
Benzene	**0.749**	0.100	mg/kg dry	100	EE50202	04/29/05	05/02/05	EPA 8021B	
Toluene	**2.51**	0.100	"	"	"	"	"	"	
Ethylbenzene	**4.55**	0.100	"	"	"	"	"	"	
Xylene (p/m)	**13.8**	0.100	"	"	"	"	"	"	
Xylene (o)	**4.89**	0.100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*153 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*132 %*	*80-120*		"	"	"	"	*S-04*
Gasoline Range Organics C6-C12	**1050**	10.0	mg/kg dry	1	ED52904	04/29/05	04/29/05	EPA 8015M	
Diesel Range Organics >C12-C35	**4140**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**5190**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*114 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*71.0 %*	*70-130*		"	"	"	"	
BH-1 (5') (5D29014-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE50306	05/03/05	05/03/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*85.6 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.0 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EE50205	05/02/05	05/02/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*82.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*74.2 %*	*70-130*		"	"	"	"	
BH-2 (Surface) (5D29014-15) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE50202	04/29/05	05/02/05	EPA 8021B	
Toluene	**0.0369**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.0368**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.0997**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.0294**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*83.8 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85.3 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**401**	50.0	mg/kg dry	5	ED52904	04/29/05	04/29/05	EPA 8015M	
Diesel Range Organics >C12-C35	**18100**	50.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**18500**	50.0	"	"	"	"	"	"	

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Eunice NM, 88231	Project Manager: Iain Olness	05/05/05 11:47

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-2 (Surface) (5D29014-15) Soil									
Surrogate: 1-Chlorooctane		*11.6 %*	*70-130*		*ED52904*	*04/29/05*	*04/29/05*	*EPA 8015M*	*S-06*
Surrogate: 1-Chlorooctadecane		*13.0 %*	*70-130*		"	"	"	"	*S-06*
BH-2 (5') (5D29014-16) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE50306	05/03/05	05/03/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*85.0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.3 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EE50205	05/02/05	05/02/05	EPA 8015M	
Diesel Range Organics >C12-C35	**J [6.55]**	10.0	"	"	"	"	"	"	J
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*81.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*73.2 %*	*70-130*		"	"	"	"	

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General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-1 (Surface) (5D29014-01) Soil									
Chloride	**37000**	5000	mg/kg	10000	EE50303	05/02/05	05/02/05	EPA 300.0	
% Moisture	**12.5**	0.1	%	1	EE50206	04/29/05	05/02/05	% calculation	
BH-1 (5') (5D29014-02) Soil									
Chloride	**241**	10.0	mg/kg	20	EE50409	05/03/05	05/03/05	EPA 300.0	
% Moisture	**11.8**	0.1	%	1	EE50301	05/02/05	05/03/05	% calculation	
BH-1 (10') (5D29014-03) Soil									
Chloride	**294**	25.0	mg/kg	50	EE50409	05/03/05	05/03/05	EPA 300.0	
BH-1 (15') (5D29014-04) Soil									
Chloride	**576**	25.0	mg/kg	50	EE50409	05/03/05	05/03/05	EPA 300.0	
BH-1 (20') (5D29014-05) Soil									
Chloride	**608**	25.0	mg/kg	50	EE50409	05/03/05	05/03/05	EPA 300.0	
BH-1 (25') (5D29014-06) Soil									
Chloride	**529**	25.0	mg/kg	50	EE50409	05/03/05	05/03/05	EPA 300.0	
BH-1 (30') (5D29014-07) Soil									
Chloride	**577**	25.0	mg/kg	50	EE50409	05/03/05	05/03/05	EPA 300.0	
BH-1 (35') (5D29014-08) Soil									
Chloride	**591**	25.0	mg/kg	50	EE50409	05/03/05	05/03/05	EPA 300.0	
BH-1 (40') (5D29014-09) Soil									
Chloride	**446**	25.0	mg/kg	50	EE50409	05/03/05	05/03/05	EPA 300.0	
BH-1 (45') (5D29014-10) Soil									
Chloride	**305**	10.0	mg/kg	20	EE50409	05/03/05	05/03/05	EPA 300.0	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-1 (50') (5D29014-11) Soil									
Chloride	**389**	20.0	mg/kg	40	EE50409	05/03/05	05/03/05	EPA 300.0	
BH-1 (55') (5D29014-12) Soil									
Chloride	**461**	20.0	mg/kg	40	EE50409	05/03/05	05/03/05	EPA 300.0	
BH-1 (60') (5D29014-13) Soil									
Chloride	**718**	25.0	mg/kg	50	EE50409	05/03/05	05/03/05	EPA 300.0	
BH-1 (65') (5D29014-14) Soil									
Chloride	**1070**	50.0	mg/kg	100	EE50409	05/03/05	05/03/05	EPA 300.0	
BH-2 (Surface) (5D29014-15) Soil									
Chloride	**1030**	50.0	mg/kg	100	EE50303	05/02/05	05/02/05	EPA 300.0	
% Moisture	**0.7**	0.1	%	1	EE50206	04/29/05	05/02/05	% calculation	
BH-2 (5') (5D29014-16) Soil									
Chloride	**174**	10.0	mg/kg	20	EE50409	05/03/05	05/03/05	EPA 300.0	
% Moisture	**12.1**	0.1	%	1	EE50301	05/02/05	05/03/05	% calculation	
BH-2 (10') (5D29014-17) Soil									
Chloride	**431**	25.0	mg/kg	50	EE50409	05/03/05	05/03/05	EPA 300.0	
BH-2 (15') (5D29014-18) Soil									
Chloride	**717**	50.0	mg/kg	100	EE50409	05/03/05	05/03/05	EPA 300.0	
BH-2 (20') (5D29014-19) Soil									
Chloride	**539**	25.0	mg/kg	50	EE50409	05/03/05	05/03/05	EPA 300.0	
BH-2 (25') (5D29014-20) Soil									
Chloride	**580**	25.0	mg/kg	50	EE50409	05/03/05	05/03/05	EPA 300.0	

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General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-2 (30') (5D29014-21) Soil									
Chloride	**479**	25.0	mg/kg	50	EE50409	05/03/05	05/03/05	EPA 300.0	
BH-2 (35') (5D29014-22) Soil									
Chloride	**526**	25.0	mg/kg	50	EE50409	05/03/05	05/03/05	EPA 300.0	
Background (5D29014-23) Soil									
Chloride	**21.8**	5.00	mg/kg	10	EE50303	05/02/05	05/02/05	EPA 300.0	

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Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch ED52904 - Solvent Extraction (GC)										
Blank (ED52904-BLK1)				Prepared & Analyzed: 04/29/05						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*36.3*		*mg/kg*	*50.0*		*72.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*38.7*		*"*	*50.0*		*77.4*	*70-130*			
LCS (ED52904-BS1)				Prepared & Analyzed: 04/29/05						
Gasoline Range Organics C6-C12	430	10.0	mg/kg wet	500		86.0	75-125			
Diesel Range Organics >C12-C35	445	10.0	"	500		89.0	75-125			
Total Hydrocarbon C6-C35	875	10.0	"	1000		87.5	75-125			
Surrogate: 1-Chlorooctane	*35.6*		*mg/kg*	*50.0*		*71.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.6*		*"*	*50.0*		*73.2*	*70-130*			
Calibration Check (ED52904-CCV1)				Prepared & Analyzed: 04/29/05						
Gasoline Range Organics C6-C12	464		mg/kg	500		92.8	80-120			
Diesel Range Organics >C12-C35	519		"	500		104	80-120			
Total Hydrocarbon C6-C35	983		"	1000		98.3	80-120			
Surrogate: 1-Chlorooctane	*46.2*		*"*	*50.0*		*92.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*37.3*		*"*	*50.0*		*74.6*	*70-130*			
Matrix Spike (ED52904-MS1)	**Source: 5D29001-01**			Prepared & Analyzed: 04/29/05						
Gasoline Range Organics C6-C12	482	10.0	mg/kg dry	533	ND	90.4	75-125			
Diesel Range Organics >C12-C35	575	10.0	"	533	ND	108	75-125			
Total Hydrocarbon C6-C35	1060	10.0	"	1070	ND	99.1	75-125			
Surrogate: 1-Chlorooctane	*44.0*		*mg/kg*	*50.0*		*88.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.6*		*"*	*50.0*		*73.2*	*70-130*			
Matrix Spike Dup (ED52904-MSD1)	**Source: 5D29001-01**			Prepared & Analyzed: 04/29/05						
Gasoline Range Organics C6-C12	483	10.0	mg/kg dry	533	ND	90.6	75-125	0.207	20	
Diesel Range Organics >C12-C35	561	10.0	"	533	ND	105	75-125	2.46	20	
Total Hydrocarbon C6-C35	1040	10.0	"	1070	ND	97.2	75-125	1.90	20	
Surrogate: 1-Chlorooctane	*42.7*		*mg/kg*	*50.0*		*85.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.2*		*"*	*50.0*		*72.4*	*70-130*			

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE50202 - EPA 5030C (GC)										
Blank (EE50202-BLK1)			Prepared & Analyzed: 04/29/05							
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	*94.7*		*ug/kg*	*100*		*94.7*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*101*		*"*	*100*		*101*	*80-120*			
LCS (EE50202-BS1)			Prepared & Analyzed: 04/29/05							
Benzene	94.7		ug/kg	100		94.7	80-120			
Toluene	99.0		"	100		99.0	80-120			
Ethylbenzene	98.0		"	100		98.0	80-120			
Xylene (p/m)	220		"	200		110	80-120			
Xylene (o)	104		"	100		104	80-120			
Surrogate: a,a,a-Trifluorotoluene	*111*		*"*	*100*		*111*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*113*		*"*	*100*		*113*	*80-120*			
Calibration Check (EE50202-CCV1)			Prepared: 04/29/05 Analyzed: 05/02/05							
Benzene	89.0		ug/kg	100		89.0	80-120			
Toluene	92.0		"	100		92.0	80-120			
Ethylbenzene	90.0		"	100		90.0	80-120			
Xylene (p/m)	203		"	200		102	80-120			
Xylene (o)	98.4		"	100		98.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	*105*		*"*	*100*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*111*		*"*	*100*		*111*	*80-120*			
Matrix Spike (EE50202-MS1)	**Source: 5D28002-05**		Prepared: 04/29/05 Analyzed: 04/30/05							
Benzene	2310		ug/kg	2500	ND	92.4	80-120			
Toluene	2340		"	2500	ND	93.6	80-120			
Ethylbenzene	2180		"	2500	ND	87.2	80-120			
Xylene (p/m)	4770		"	5000	47.5	94.4	80-120			
Xylene (o)	2150		"	2500	ND	86.0	80-120			
Surrogate: a,a,a-Trifluorotoluene	*101*		*"*	*100*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*100*		*"*	*100*		*100*	*80-120*			

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE50202 - EPA 5030C (GC)										
Matrix Spike Dup (EE50202-MSD1)	**Source: 5D28002-05**			Prepared: 04/29/05 Analyzed: 04/30/05						
Benzene	2380		ug/kg	2500	ND	95.2	80-120	2.99	20	
Toluene	2440		"	2500	ND	97.6	80-120	4.18	20	
Ethylbenzene	2370		"	2500	ND	94.8	80-120	8.35	20	
Xylene (p/m)	5240		"	5000	47.5	104	80-120	9.68	20	
Xylene (o)	2410		"	2500	ND	96.4	80-120	11.4	20	
Surrogate: a,a,a-Trifluorotoluene	*96.1*		*"*	*100*		*96.1*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*114*		*"*	*100*		*114*	*80-120*			
Batch EE50205 - Solvent Extraction (GC)										
Blank (EE50205-BLK1)				Prepared & Analyzed: 05/02/05						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*38.5*		*mg/kg*	*50.0*		*77.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*37.4*		*"*	*50.0*		*74.8*	*70-130*			
LCS (EE50205-BS1)				Prepared & Analyzed: 05/02/05						
Gasoline Range Organics C6-C12	411	10.0	mg/kg wet	500		82.2	75-125			
Diesel Range Organics >C12-C35	444	10.0	"	500		88.8	75-125			
Total Hydrocarbon C6-C35	855	10.0	"	1000		85.5	75-125			
Surrogate: 1-Chlorooctane	*35.7*		*mg/kg*	*50.0*		*71.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.8*		*"*	*50.0*		*79.6*	*70-130*			
Calibration Check (EE50205-CCV1)				Prepared & Analyzed: 05/02/05						
Gasoline Range Organics C6-C12	428		mg/kg	500		85.6	80-120			
Diesel Range Organics >C12-C35	520		"	500		104	80-120			
Total Hydrocarbon C6-C35	948		"	1000		94.8	80-120			
Surrogate: 1-Chlorooctane	*46.4*		*"*	*50.0*		*92.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*38.2*		*"*	*50.0*		*76.4*	*70-130*			

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE50205 - Solvent Extraction (GC)										
Matrix Spike (EE50205-MS1)	**Source: 5E02002-01**			Prepared & Analyzed: 05/02/05						
Gasoline Range Organics C6-C12	411	10.0	mg/kg dry	503	ND	81.7	75-125			
Diesel Range Organics >C12-C35	545	10.0	"	503	ND	108	75-125			
Total Hydrocarbon C6-C35	956	10.0	"	1010	ND	94.7	75-125			
Surrogate: 1-Chlorooctane	*40.7*		*mg/kg*	*50.0*		*81.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.1*		*"*	*50.0*		*72.2*	*70-130*			
Matrix Spike Dup (EE50205-MSD1)	**Source: 5E02002-01**			Prepared & Analyzed: 05/02/05						
Gasoline Range Organics C6-C12	495	10.0	mg/kg dry	503	ND	98.4	75-125	18.5	20	
Diesel Range Organics >C12-C35	523	10.0	"	503	ND	104	75-125	4.12	20	
Total Hydrocarbon C6-C35	1020	10.0	"	1010	ND	101	75-125	6.48	20	
Surrogate: 1-Chlorooctane	*42.0*		*mg/kg*	*50.0*		*84.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.8*		*"*	*50.0*		*71.6*	*70-130*			
Batch EE50306 - EPA 5030C (GC)										
Blank (EE50306-BLK1)				Prepared & Analyzed: 05/03/05						
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	*87.8*		*ug/kg*	*100*		*87.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*94.7*		*"*	*100*		*94.7*	*80-120*			
LCS (EE50306-BS1)				Prepared & Analyzed: 05/03/05						
Benzene	86.9		ug/kg	100		86.9	80-120			
Toluene	90.9		"	100		90.9	80-120			
Ethylbenzene	91.8		"	100		91.8	80-120			
Xylene (p/m)	208		"	200		104	80-120			
Xylene (o)	99.3		"	100		99.3	80-120			
Surrogate: a,a,a-Trifluorotoluene	*104*		*"*	*100*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*117*		*"*	*100*		*117*	*80-120*			

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE50306 - EPA 5030C (GC)										
Calibration Check (EE50306-CCV1)				Prepared: 05/03/05 Analyzed: 05/04/05						
Benzene	86.1		ug/kg	100		86.1	80-120			
Toluene	87.3		"	100		87.3	80-120			
Ethylbenzene	82.6		"	100		82.6	80-120			
Xylene (p/m)	178		"	200		89.0	80-120			
Xylene (o)	85.5		"	100		85.5	80-120			
Surrogate: a,a,a-Trifluorotoluene	*99.5*		"	*100*		*99.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*88.0*		"	*100*		*88.0*	*80-120*			
Matrix Spike (EE50306-MS1)	**Source: 5D29014-02**			Prepared: 05/03/05 Analyzed: 05/04/05						
Benzene	90.6		ug/kg	100	ND	90.6	80-120			
Toluene	93.5		"	100	ND	93.5	80-120			
Ethylbenzene	93.6		"	100	ND	93.6	80-120			
Xylene (p/m)	211		"	200	ND	106	80-120			
Xylene (o)	101		"	100	ND	101	80-120			
Surrogate: a,a,a-Trifluorotoluene	*101*		"	*100*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*106*		"	*100*		*106*	*80-120*			
Matrix Spike Dup (EE50306-MSD1)	**Source: 5D29014-02**			Prepared & Analyzed: 05/03/05						
Benzene	83.2		ug/kg	100	ND	83.2	80-120	8.52	20	
Toluene	85.0		"	100	ND	85.0	80-120	9.52	20	
Ethylbenzene	82.2		"	100	ND	82.2	80-120	13.0	20	
Xylene (p/m)	182		"	200	ND	91.0	80-120	15.2	20	
Xylene (o)	88.5		"	100	ND	88.5	80-120	13.2	20	
Surrogate: a,a,a-Trifluorotoluene	*96.0*		"	*100*		*96.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*113*		"	*100*		*113*	*80-120*			

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE50206 - General Preparation (Prep)										
Blank (EE50206-BLK1)				Prepared: 04/29/05 Analyzed: 05/02/05						
% Moisture	ND	0.1	%							
Duplicate (EE50206-DUP1)	**Source: 5D29001-01**			Prepared: 04/29/05 Analyzed: 05/02/05						
% Moisture	6.3	0.1	%		6.2			1.60	20	
Batch EE50301 - General Preparation (Prep)										
Blank (EE50301-BLK1)				Prepared: 05/02/05 Analyzed: 05/03/05						
% Moisture	ND	0.1	%							
Duplicate (EE50301-DUP1)	**Source: 5E02002-01**			Prepared: 05/02/05 Analyzed: 05/03/05						
% Moisture	0.5	0.1	%		0.5			0.00	20	
Batch EE50303 - Water Extraction										
Blank (EE50303-BLK1)				Prepared & Analyzed: 05/02/05						
Chloride	ND	0.500	mg/kg							
LCS (EE50303-BS1)				Prepared & Analyzed: 05/02/05						
Chloride	9.94		mg/L	10.0		99.4	80-120			
Calibration Check (EE50303-CCV1)				Prepared & Analyzed: 05/02/05						
Chloride	10.9		mg/L	10.0		109	80-120			
Duplicate (EE50303-DUP1)	**Source: 5D28007-04**			Prepared & Analyzed: 05/02/05						
Chloride	71.7	5.00	mg/kg		72.3			0.833	20	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE50409 - Water Extraction										
Blank (EE50409-BLK1)				Prepared & Analyzed: 05/03/05						
Chloride	ND	0.500	mg/kg							
LCS (EE50409-BS1)				Prepared & Analyzed: 05/03/05						
Chloride	10.3		mg/L	10.0		103	80-120			
Calibration Check (EE50409-CCV1)				Prepared & Analyzed: 05/03/05						
Chloride	10.5		mg/L	10.0		105	80-120			
Duplicate (EE50409-DUP1)		**Source: 5D29014-02**		Prepared & Analyzed: 05/03/05						
Chloride	217	10.0	mg/kg		241			10.5	20	

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 5/5/2005

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sandra Sanchez, Lab Tech.

Environmental Labs of Texas

Chain of Custody Form

12600 West I-20 East, Odessa, TX 79763
(915) 563-1800 FAX: (915) 563-1713

Company Name	Environmental Plus, Inc.
EPI Project Manager	Iain Olness
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Conoco Phillips
Facility Name	State E Lease
Project Reference	150010
EPI Sampler Name	Manuel Gonzales

Bill To

ConocoPhillips

Attn: John Abney
1410 West County Road,
Hobbs, NM 88240

ANALYSIS REQUEST

LAB I.D. (5D29014)	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	MATRIX: WASTEWATER	MATRIX: SOIL	MATRIX: CRUDE OIL	MATRIX: SLUDGE	MATRIX: OTHER:	PRESERV.: ACID/BASE	PRESERV.: ICE/COOL	PRESERV.: OTHER	SAMPLING: DATE	SAMPLING: TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES (SO_4^{2-})	pH	TCLP	OTHER >>>	PAH
- 01	BH-1 (surface)	G	1			X					X		19-Apr	9:27	X	X	X					
- 02	BH-1 (5')	G	1			X					X		19-Apr	9:32	X	X	X	SEE REMARKS				
- 03	BH-1 (10')	G	1			X					X		19-Apr	11:36	X	X	X					
- 04	BH-1 (15')	G	1			X					X		19-Apr	12:58	X	X	X					
- 05	BH-1 (20')	G	1			X					X		19-Apr	13:38	X	X	X					
- 06	BH-1 (25')	G	1			X					X		19-Apr	15:30	X	X	X					
- 07	BH-1 (30')	G	1			X					X		26-Apr	8:40	X	X	X					
- 08	BH-1 (35')	G	1			X					X		26-Apr	9:37	X	X	X					
- 09	BH-1 (40')	G	1			X					X		26-Apr	10:20	X	X	X					
- 10	BH-1 (45')	G	1			X					X		26-Apr	11:27	X	X	X					

Sampler Relinquished: Iain Olness — Date: 4/29/05 — Time: 0835 — Received By:

Relinquished by: — Date: 4/29/05 — Time: 2:10 — Received By: (lab staff) Jaime McMurry

Delivered by:

Sample Cool & Intact (Yes) No

Checked By: JMM

E-mail results to: iolness@hotmail.com

REMARKS: Only analyze subsequent samples from each soil boring if analytes are detected in previous sample. ANY QUESTIONS, PLEASE CALL IAIN.

* 4oz glass on ice w/labels on containers w/seals on bags (3) 4.5°C

Environmental Labs of Texas

Chain of Custody Form

12600 West I-20 East, Odessa, TX 79763
(915) 563-1800 FAX: (915) 563-1713

Company Name	Environmental Plus, Inc.
EPI Project Manager	Iain Olness
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Conoco Phillips
Facility Name	State E Lease
Project Reference	150010
EPI Sampler Name	Manuel Gonzales

Bill To

ConocoPhillips

Attn: John Abney
1410 West County Road,
Hobbs, NM 88240

ANALYSIS REQUEST

LAB I.D. (5D29014)	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	MATRIX: WASTEWATER	MATRIX: SOIL	MATRIX: CRUDE OIL	MATRIX: SLUDGE	MATRIX: OTHER:	PRESERV.: ACID/BASE	PRESERV.: ICE/COOL	PRESERV.: OTHER	SAMPLING: DATE	SAMPLING: TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES (SO_4^{-2})	pH	TCLP	OTHER >>>	PAH
-11	BH-1 (50')	G	1			X					X		26-Apr	12:44	X	X	X	SEE REMARKS				
-12	BH-1 (55')	G	1			X					X		26-Apr	14:59	X	X	X					
-13	BH-1 (60')	G	1			X					X		26-Apr	16:10	X	X	X					
-14	BH-1 (65')	G	1			X					X		27-Apr	9:00	X	X	X					
-15	BH-2 (surface)	G	1			X					X		27-Apr	10:15	X	X	X					
-16	BH-2 (5')	G	1			X					X		27-Apr	10:39	X	X	X	SEE REMARKS				
-17	BH-2 (10')	G	1			X					X		27-Apr	11:06	X	X	X					
-18	BH-2 (15')	G	1			X					X		27-Apr	11:18	X	X	X					
-19	BH-2 (20')	G	1			X					X		27-Apr	11:45	X	X	X					
-20	BH-2 (25')	G	1			X					X		27-Apr	12:31	X	X	X					

Samples Relinquished: — Date 4/29/05 Time 8:35 — Received By:

Relinquished by: — Date 4/29/05 Time 2:10 — Received By: (lab staff)

Delivered by:

Sample Cool & Intact: (Yes) No

Checked By: JMM

E-mail results to: iolness@hotmail.com

REMARKS: Only analyze subsequent samples from each soil boring if analytes are detected in previous sample. ANY QUESTIONS, PLEASE CALL IAIN.

* see pg 1

Environmental Labs of Texas

Chain of Custody Form

12600 West I-20 East, Odessa, TX 79763
(915) 563-1800 FAX: (915) 563-1713

Company Name	Environmental Plus, Inc.
EPI Project Manager	Iain Olness
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Conoco Phillips
Facility Name	State E Lease
Project Reference	150010
EPI Sampler Name	Manuel Gonzales

Bill To

ConocoPhillips

Attn: John Abney
1410 West County Road,
Hobbs, NM 88240

ANALYSIS REQUEST

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	MATRIX: WASTEWATER	MATRIX: SOIL	MATRIX: CRUDE OIL	MATRIX: SLUDGE	MATRIX: OTHER:	PRESERV.: ACID/BASE	PRESERV.: ICE/COOL	PRESERV.: OTHER	SAMPLING: DATE	SAMPLING: TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES (SO_4^{2-})	pH	TCLP	OTHER >>>	PAH
5D29014																						
1	BH-2 (30')	G	1			X					X		27-Apr	12:44	X	X	X	SEE REMARKS				
2	BH-2 (35')	G	1			X					X		27-Apr	14:59	X	X	X					
3	Background	G	1			X					X		19-Apr				X					
4																						
5																						
6																						
7																						
8																						
9																						
10																						

Sampler Relinquished: Iain Olness — Date: 4/29/05 — Time: 0835 — Received By:

Relinquished by: — Date: 04-29-05 — Time: 1410 — Received By: (lab staff)

Delivered by:

Sample Cool & Intact: (Yes) No

Checked By: JMM

E-mail results to: iolness@hotmail.com

REMARKS: Only analyze subsequent samples from each soil boring if analytes are detected in previous sample. Analyze the background sample for chlorides. ANY QUESTIONS, PLEASE CALL IAIN.

* see pg 1

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: EPI

Date/Time: 04-29-05 @ 1410

Order #: 5D29014

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	4.5 C
Shipping container/cooler in good condition?	(Yes)	No	
Custody Seals intact on shipping container/cooler?	Yes	No	(Not present)
Custody Seals intact on sample bottles? Seals on bags of cont.	(Yes)	No	Not present
Chain of custody present?	(Yes)	No	
Sample Instructions complete on Chain of Custody?	(Yes)	No	
Chain of Custody signed when relinquished and received?	(Yes)	No	
Chain of custody agrees with sample label(s)	(Yes)	No	
Container labels legible and intact?	(Yes)	No	
Sample Matrix and properties same as on chain of custody?	(Yes)	No	
Samples in proper container/bottle?	(Yes)	No	
Samples properly preserved?	(Yes)	No	
Sample bottles intact?	(Yes)	No	
Preservations documented on Chain of Custody?	(Yes)	No	
Containers documented on Chain of Custody?	(Yes)	No	
Sufficient sample amount for indicated test?	(Yes)	No	
All samples received within sufficient hold time?	(Yes)	No	
VOC samples have zero headspace?	(Yes)	No	Not Applicable

Other observations:

_____

_____

_____

Variance Documentation:

Contact Person: _____ Date/Time: _____ Contacted by: _____

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

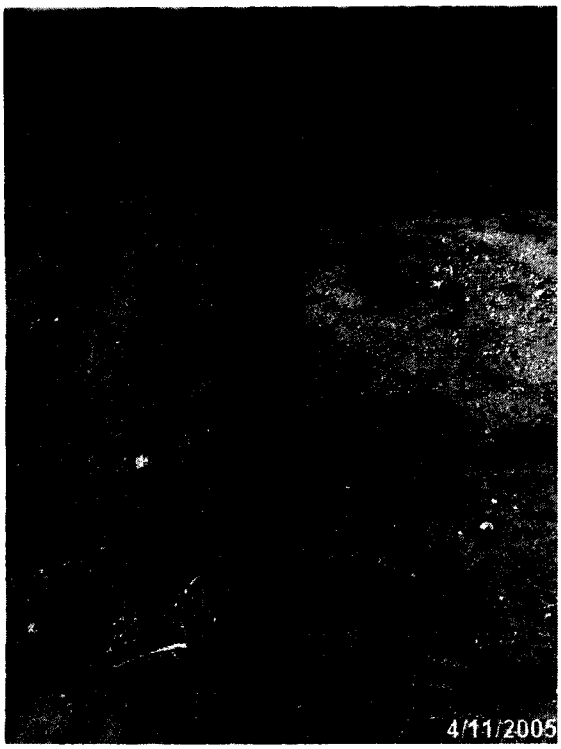
_____

_____

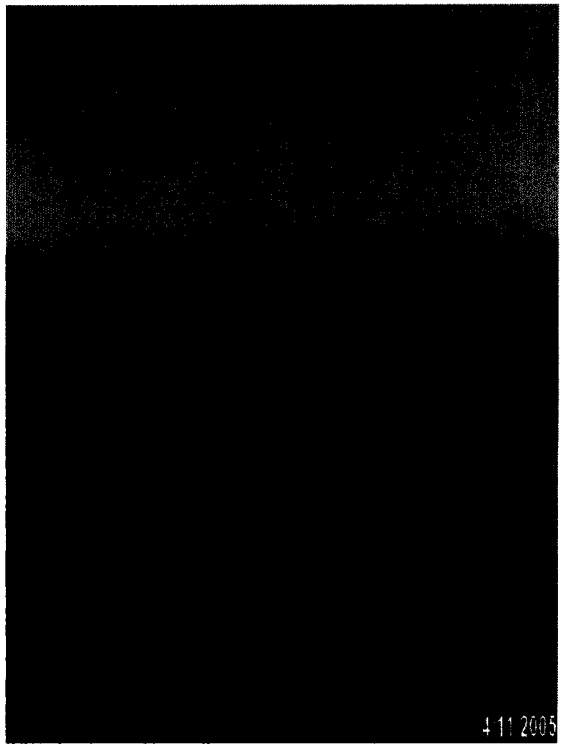
_____

APPENDIX II

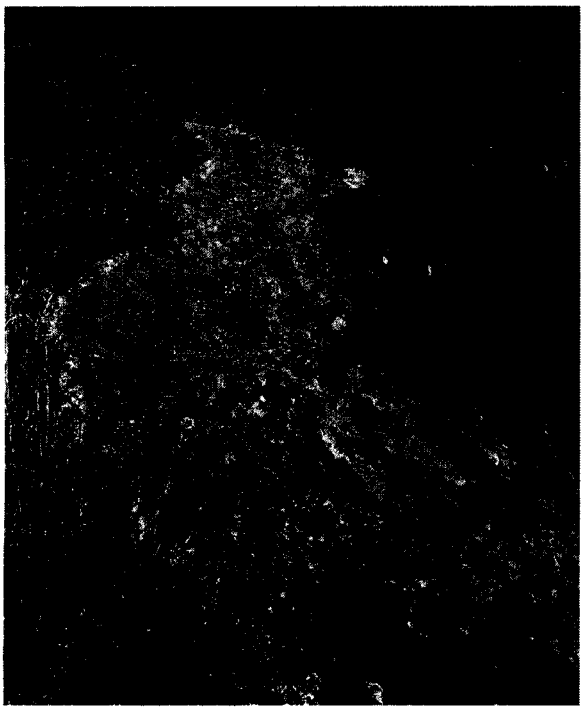
PROJECT PHOTOGRAPHS



Photograph #1 – Produced water pipeline ROW marker



Photograph #2-Looking north at impacted area. Stained area is contaminated soil



Photograph #3-Looking north at impacted area and soil excavated to repair the ruptured pipeline

Photograph #4- Excavated area at point of release and dresser repair clamp

APPENDIX III

SOIL BORING LOGS

Log Of Test Borings

ENVIRONMENTAL PLUS, INC.
CONSULTING AND
REMEDIAL CONSTRUCTION
EUNICE, NEW MEXICO
505-394-3481

Project Number: 150010

Project Name: ConocoPhillips State E Lease

Location: UL-I, Section 20, Township 22 South, Range 36 East

Boring Number: SB-2 | Surface Elevation: 3,536-feet amsl

Start Date: 04-27-05 Time: 10:15

Completion Date: 04-27-05 Time: 15:02

Time	Sample Type	Recovery (inches)	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Depth (feet)	Description
								35' SAND
								End of Soil Boring at 35' bgs
							40	
							45	
							50	
							55	
							60	
							65	

Water Level Measurements (feet)

Date	Time	Sample Depth	Casing Depth	Cave-in Depth	Water Level
-	-	-	-	-	-
-	-	-	-	-	-

Drilling Method: HSA 3.5" ID

Backfill Method: Bentonite

Field Representative: JR

Log Of Test Borings

ENVIRONMENTAL PLUS, INC.
CONSULTING AND
REMEDIAL CONSTRUCTION
EUNICE, NEW MEXICO
505-394-3481

Project Number: 150010

Project Name: ConocoPhillips State E Lease

Location: UL-I, Section 20, Township 22 South, Range 36 East

Boring Number: SB-2 | Surface Elevation: 3,536-feet amsl

Start Date: 04-27-05 Time: 10:15

Completion Date: 04-27-05 Time: 15:02

Time	Sample Type	Recovery (inches)	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Depth (feet)	Description
1015	SS			4.9	12,000		Topsoil	Topsoil Oily Ground Soil
1039	SS			0.0	320		5	5' CLAY, Red
1106	SS			0.0	560		10	10' CALICHE, Clay
1118	SS			0.0	800		15	15' SAND
1145	SS			0.0	560		20	20' SAND
1231	SS			0.0	560		25	25' SAND
1327	SS			0.0	560		30	30' SAND
1502	SS			0.0	560		35	35' SAND

Log Of Test Borings

ENVIRONMENTAL PLUS, INC.
CONSULTING AND
REMEDIAL CONSTRUCTION
EUNICE, NEW MEXICO
505-394-3481

Project Number: 150010

Project Name: ConocoPhillips State E Lease

Location: UL-I, Section 20, Township 22 South, Range 36 East

Boring Number: SB-1 | Surface Elevation: 3,536-feet amsl

Start Date: 04-19-05 Time: 09:27

Completion Date: 04-27-05 Time: 09:00

Time	Sample Type	Recovery (inches)	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Depth (feet)	Description
							40	
1020	SS			0.0	480			40' SAND
							45	
1127	SS			0.0	400			45' SAND
							50	
1244	SS			0.0	480			50' SAND
							55	
1459	SS			0.0	480			55' SAND
							60	
1610	SS			0.0	800			60' SAND
								65' SAND
							65	
0900	SS			0.0	1,200			End of Soil Boring at 65' bgs

Water Level Measurements (feet)

Date	Time	Sample Depth	Casing Depth	Cave-in Depth	Water Level
-	-	-	-	-	-
-	-	-	-	-	-

Drilling Method: HSA 3.5" ID

Backfill Method: Bentonite

Field Representative: JR

Log Of Test Borings

(NOTE - Page 1 of 2)

ENVIRONMENTAL PLUS, INC.
CONSULTING AND
REMEDIAL CONSTRUCTION
EUNICE, NEW MEXICO
505-394-3481

Project Number: 150010

Project Name: ConocoPhillips State E Lease

Location: UL-I, Section 20, Township 22 South, Range 36 East

Boring Number: SB-1 | Surface Elevation: 3,536-feet amsl

Start Date: 04-19-05 Time: 09:27

Completion Date: 04-27-05 Time: 09:00

Time	Sample Type	Recovery (inches)	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Depth (feet)	Description
0927	SS			6.3	12,000		Topsoil	Topsoil SAND
0932	SS			0.0	480		5	5' CLAY, Red
1136	SS			0.0	400		10	10' CALICHE, Sand
1258	SS			0.0	560		15	15' CALICHE, Sand
1338	SS			0.0	720		20	20' CALICHE, Sand
1530	SS			0.0	720		25	25' SAND
0840	SS			0.0	640		30	30' SAND
0937	SS			0.0	560		35	35' SAND

APPENDIX IV

COPY OF INITIAL
NMOCD FORM C-141

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Repo

Name of Company ConocoPhillips Company	Contact John Abney
Address 4001 Penbrook Street Odessa, TX 79762	Telephone No. (505)391-3128
Facility Name State E	Facility Type Water Transfer Line

Surface Owner Lowell Cypert	Mineral Owner State of NM	Lease No. B-1536

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	21	22S	36E					Lea

Latitude 32 22.519N Longitude 103 16.715W

U/L P 200'

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 88 bbls	Volume Recovered 0
Source of Release Buried 3" Poly Line	Date and Hour of Occurrence/07/05	Date and Hour of Discovery 4/7/05 8am
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Sylvia Dickey	
By Whom? Stanley Moran	Date and Hour 4/07/05 2:30 pm	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. NA	

If a Watercourse was Impacted, Describe Fully.*
NA

Describe Cause of Problem and Remedial Action Taken.*
One of the welds in the poly line was not holding after the line was treated with acid. The line was shut in dug up and a dresser sleeve was placed on the line until the line can be repaired properly.

Describe Area Affected and Cleanup Action Taken.*
The affected area is 15' X 105'. There was no fluid recovered the site is being delinated to determine the necessary clean up procedures.

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

Signature:	OIL CONSERVATION DIVISION
Printed Name: John Abney	Approved by District Supervisor: ENVIRONMENTAL
Title: SHEaR Specialist	Approval Date: 3.23.07 Expiration Date: 6.23.07
E-mail Address: john.h.abney@conocophillips.com	Conditions of Approval: Attached ☐
Date: 04/25/2005 Phone: (505)391-3128	

* Attach Additional Sheets If Necessary

Facility - fPAC0708544895
Incident - nPAC0708544967
application - pPAC0708545089

RP# 1183