3R - 83

REPORTS

DATE:

4/16/1997

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ON SITE TECHNOLOGIES, LTD.

April 16, 1997

Conoco, Inc., Midland Division
Exploration and Production, North America
10 Desta Drive, Suite 100W
Midland, Texas 79705-4500

Attn.: Mr. W. L. Brignon, Senior

RE: Investigation and Remediation Summary
Farmington B Com #1
Unit H, Sec 15, T29N, R12W, NMPM
San Juan County, NM

The following report is intended to continue the documentation of events and activities with regards to a hydrocarbon release at the above location and to inform interested parties of the current status of the remediation, reclamation, and investigation.

INITIAL FIELD INVESTIGATIONS

Activities from October 31 through November 6, 1996 have been previously documented in an interim report dated November 6, 1996 (Appendix One). Based on the information obtained to November 6 and in view of the spill history of the site, Mr. Denny Foust and Mr. William Olson of the New Mexico Oil Conservation Division (NMOCD) requested further investigation of other areas of the location. Additionally, because remediation by excavation was considered a probability, Conoco needed a more accurate delineation of the problem areas before mobilizing heavy equipment to the site.

On November 15, 1996, Mr. Myke Lane of On Site Technologies, using a truck-mounted direct punch/boring rig, advanced fifteen (15) soil borings in other down gradient areas of the location as directed by NMOCD. Grab samples were taken at a depth of approximately six (6) feet from each boring and field screened using the Heated Headspace Method and a PhotoVac MicroTip Photoionization Detector. Sampling locations and field screening results are shown in a copy of Mr. Lane's field notes attached (Appendix Two). A grab sample for laboratory analysis by Methods 8015 (Total Petroleum Hydrocarbons) and 8020 (BTEX) was taken from Test Hole 2 to establish the relationship between field screening PID readings and regulatory closure levels. Summarized, the sampling indicated substantial contamination in two additional areas of the site: Area 2, immediately west of the production tank and in the area of an old spill; and Area 3, adjacent to the existing fiberglass tank related to the

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dehy/separator (possibly an old production pit). No sampling was done off-location at that time.

REMEDIAL ACTIONS

Due to the proximity of the site to a residential area, the Animas River, surface water ditches, and shallow depth to groundwater, NMOCD directed that the operator , Conoco, excavate contaminated soils in Area 1 (surrounding the cathodic well and south and west), Area 2 (old spill area), and Area 3 (former production pit location).

On November 19, 1996, excavation commenced in Area 1, surrounding the cathodic well and primary power drop to the location, and proceeded to the north and west. Samples were taken and field screened to monitor the progress. When field screening indicated that closure levels of <100 parts per million TPH, < 50 ppm BTEX, and <10 ppm Benzene had been reached in the soils, record samples were taken for laboratory analysis. Those analytical results for all three areas are summarized in tabular form in Appendix Three with their locations given on the accompanying Site Sketch dated December 6, 1996, also found in Appendix Three. The vertical extent of excavation was carried to the level of ground water as soil contamination was observed to that depth. A petroleum sheen was noted on ground water nearest the cathodic well. Visual observations made as excavation progressed indicated that the Area 1 contamination was probably the result of an old reserve or workover pit. Undisturbed soils resembling pit walls were noted as well as the discovery of wire, pieces of pipe, and other solid debris. Approximately 210 cubic yards of excavated contaminated material was transported for off-site disposal at the Envirotech OCD Permitted Landfarm at Hilltop south of Farmington. The area was backfilled with clean site soils (overburden stripped before excavation) and imported clean sand.

Excavation was completed at Area 1 on November 21, 1996, and operations were moved to Area 2, just outside the west location fence and near the site of the March, 1992 spill. Excavation started within two feet of the west fence and was carried westward toward the Y in the location roads. The top two to three feet of soils were stripped off and stockpiled for later use as backfill. The contamination appeared to have been carried by ground water from the original source spill to areas shown on the December 6, 1996 Site Sketch (Appendix Three). Once again, excavation was carried vertically to the cobble and gravel layer at which ground water is found on this location. Horizontally, the excavation was taken to the boundaries formed by the location roads. Closure samples were taken for laboratory analysis as in Area 1 and the results are shown in the table in Appendix Three noted as "G" series samples with locations noted on the December 6, 1996 Site Sketch. Very little sheen was noted on the ground water in Area 2. It also appeared that the compaction of the roads had served a something of a barrier to the further migration of the contamination with the movement of groundwater. A total of 370 cubic yards of contaminated material was removed from Area 2 and transported to the Envirotech Landfarm for off-site disposal and treatment. The clean stripped overburden and imported clean sand were used to backfill the excavation, completed on November 23, 1996.

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On November 26, 1996, after reconfirming locations of numerous subsurface pipelines, cathodic wires and power sources, excavation was begun inside the location fence at the old production pit, noted as Area 3. Operations were confined on all sides by existing product lines and equipment. However, it was evident that the contamination was the result of a former unlined earthen production pit and that the excavation had removed the primary source since the pit is no longer in use. There was evidence of ground water impact and down gradient migration to the north and northwest beyond the utility and pipeline corridor bordering the location. NMOCD requested at the time that a supplemental investigation be performed at a later date to define the horizontal extent of that plume migration off location. Samples were taken for laboratory analysis to document the condition of soils left in place due to physical obstruction or safety hazards. An approximate total of 65 cubic yards of contaminated soils were removed and transported to the Envirotech Landfarm for off-site disposal. Area 3 was the backfilled with imported clean sand and topped with gravel due to its location in a site traffic area. Analytical results, sample locations, and a depiction of the excavated area relative to the rest of the site can be found in Appendix Three.

SUPPLEMENTAL FIELD INVESTIGATIONS

Subsequent to the remedial action described above and at the request of NMOCD, plans were made to install three temporary water sampling points (WSP 1, 2, and 3) in locations selected by NMOCD within each of the excavated and backfilled areas (Areas 1, 2, and 3). It was also agreed to place two additional borings to further assess the completeness of the post-spill cleanup in 1992. Further assessment of the migration on ground water of contamination from the old production pit was also requested by NMOCD, necessitating obtaining permission to drill on the private residential property north of the utility and pipeline corridor on the north boundary of the location. Before those tasks could be performed, winter weather rendered the site too muddy to drill safely. Therefore, the supplemental investigations were delayed until January, 1997.

However, on January 22, 1997, an oilfield service company employed by Richardson Oil to tie in the new adjacent well to the existing gathering pipeline encountered stained and odorous soil at a depth of 4.5 to 6.0 feet during their excavation in the pipeline corridor on the north boundary of the Farmington B Com 1. Ms. Cindy Sluyter-Gray of On Site Technologies responded at the request of Conoco personnel to evaluate and record the discovery. In view of the depth at which the staining was encountered, it appeared that the soils had been impacted by migration on ground water of contaminants from the old production pit, not an additional reserve pit as conjectured by Merrion Oil in their pre-purchase assessment. No evidence of drilling mud or bentonitic material was seen in the excavation. Ms. Gray took one soil sample from the excavated material and submitted it for laboratory analysis. The results were typical of old and degraded petroleum waste (analytical results dated January 28, 1997 in Appendix Four).

On January 29, 1997, the supplemental investigations were begun by Ms. Gray using a truck-mounted direct punch/boring rig from Blagg Engineering. However, muddy

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conditions and standing water prevented the placement of WSP #1 in Area 1 near the cathodic well. The boring planned for off-site on the north side could not be performed due to ongoing pipeline tie-in work by the Richardson crew. Borings A-1 and A-2 were advanced to a depth of five (5) feet near the production tank berm at locations selected by Mr. Denny Foust of NMOCD. Samples were taken at five (5) feet from each boring for laboratory analysis (analytical results dated February 3, 1997 in Appendix Four) to confirm the status of the 1992 post-spill cleanup.

WSP # 3 was augered and set in Area 3 (the old production pit) as directed by NMOCD. Water was encountered at 3.5 to 4.0 feet below surface. Auger refusal occurred at 8.0 feet in cobbles and gravel. Slotted PVC pipe was placed in the boring at 2.0 feet to 7.0 feet with solid pipe above. WSP #2 was augered and set in Area 2 (spill cleanup area outside the west location fence) somewhat down gradient of the center of the excavation as directed by NMOCD. Water was encountered at 3.0 to 3.5 feet below surface with cobbles and gravel at 4.5 to 7.0 feet. Slotted PVC pipe was set in the boring from 1.5 feet to 6.5 feet with solid pipe above. Later in the day, both sampling points were developed to stable temperature and conductivity. Laboratory samples were then taken in the morning of January 30, 1997 and analyzed for BTEX by EPA Method 8020 (analytical results dated January 31, 1997 in Appendix Four).

March 13, 1997, Myke Lane, assisted by Blagg Engineering using a truck-mounted direct punch/boring rig augered and set WSP #1 in a slightly down gradient location in Area 1 (near the cathodic well) but avoiding the access road to the Richardson well location. Mr. Lane then advanced nine soil borings (TH_A through TH_I) off-site north and northwest of the old production pit (Area 3) to delineate the extent of migration of contamination from that pit. Soil samples were taken from all borings and field screened using the Heated Headspace Method and a PhotoVac MicroTip Photoionization Detector. Samples for laboratory analysis were taken from TH_B, TH_C, and TH_I to close the soil plume delineation. Boring TH_G was then constructed as WSP #4 to check and monitor the character of the ground water plume down gradient of Area 3.

The following week on March 17, 1997, WSP #1 and WSP #4 were developed to stable temperature and conductivity. It was decided to use MW 1 placed in November, 1996 as an up gradient clean reference point to be named WSP #0. The next day, water levels were measured in each of the five water sampling points, the wells purged, and water samples taken from each. An engineering plane survey was conducted to allow the development of estimated ground water contours.

Analytical results for all supplemental investigations can be found in tabular form at the beginning of Appendix Four with laboratory documentation following. A current Revised Site Sketch noting locations of test holes, water sampling points, significant site features, and an estimated groundwater slope is also attached to aid in understanding a very complicated site with multiple sources and specific impacts related to each source.

SUMMARY AND CONCLUSIONS:

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The following conclusions are based on the forementioned site investigations and remedial efforts taken at the Farmington B Com #1:

1. Three areas of soil and ground water contamination from TPH and BTEX have been identified on and immediately adjacent to the referenced well location. The areas are denoted as Area 1 (surrounding the cathodic well and south and west), Area 2 (old spill area), and Area 3 (former production pit location).
2. In all three areas of concern, an effort was made to remove heavily impacted soils to ground water in the apparent former source area. Soils were excavated to the extent of TPH and BTEX contamination, or the practical extent possible considering existing improvements and other site restrictions. Excavated soils were removed off site for treatment and disposal.
3. Relatively minor residual TPH and/or BTEX soil contamination remains in all three areas. In Area #1 soils in the immediate area under the power pole and cathodic well were left in place. In Area #2, contaminated soil remains under the roadways and fence surrounding the area. In Area #3, contaminated soil extends outside of the fenced location to the west in a buried utility corridor with telephone, gas, electric, water and gathering lines. Refer to the Site Sketch in Appendix 4.
4. Ground water with BTEX contamination above the New Mexico Water Quality Control Commission (NMWQCC) standards remains in all three areas. However, since the removal of contaminated soils, the levels of contamination have decreased as noted by the 1/97 and 3/97 sampling of Areas #2 (WSP #2) and #3 (WSP #3).
5. Where hydrocarbons were found in the soil and water samples, it is evident that the more volatile compounds have either degraded or evaporated, indicating that the remaining product is aged and not a recent spill.
6. While there is an evident impact to ground water in the area of the cathodic well (Area 1) and in the area of the former production pit (Area 3), the groundwater sampling and analyses do not indicate a significant or widespread groundwater impact outside the immediate area as shown on the Revised Site Sketch (Appendix 4) at this time.

RECOMMENDATIONS:

The extent of remaining soil contamination has been delineated and the intensity and extent of ground water contamination has been determined. Further investigation does not appear to be warranted. Additionally, with regards to impact to ground water, the free product has been removed and the primary soil sources have been mitigated. A one-year quarterly monitoring of the four water sampling points on and off the location may be most appropriate and least disruptive of the surrounding residential area. A periodic examination and sampling of the product recovery well may also need to be included in the monitoring program. Results of the monitoring should be reviewed with NMOCD to assess the need to continue monitoring, possible closure, or to consider additional remedial action.

LIMITATIONS AND CLOSURE:

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Conoco, Inc. April 16, 1997
Farmington B Com 1 Investigation & Reclamation Project 4-1325

This summary documents visual observations of the site, subsurface conditions encountered during Phase II investigations and soil remediation efforts, and analysis of soil and groundwater samples collected during the various corrective actions. This summary does not reflect subsurface variations which may exist between sampling points, or subsurface changes which may occur due to seasonal variations.

The scope of our services consisted of the performance of an initial scoping investigation, project management and sampling during soil remediation efforts, supplemental investigation to reasonably define the lateral and vertical extent of soil contamination, installation of four monitoring wells to assess the extent and magnitude of ground water contamination, field and lab testing of soil and water for hydrocarbon contamination, and preparation of a summary. All work has been performed in accordance with generally accepted professional practices in geotechnical, petroleum and environmental engineering, and hydrogeology.

This document has been prepared by On Site Technologies for the exclusive use of Conoco Inc. as it pertains to the referenced well location formerly operated by Conoco. At your request, On Site has also furnished a copy of this document to Mr. C. John Coy, SHEAR Specialist, of Conoco's Farmington office.

If there are any questions regarding this status report, please contact either Cindy Gray or Myke Lane at On Site Technologies, (505) 325-5667. Thank you for considering On Site to assist you with this project.

Respectfully submitted,

Cynthia A. Sluyter-Gray
Project Manager

Michael K. Lane, P.E.
Senior Engineer

On Site Technologies, Limited Partnership

attachments:
Appendix One - Interim Report dated November 6, 1996
Appendix Two - Scoping Investigations November 15, 1996
Appendix Three - Soil Remediation Documentation, December 12, 1996
Appendix Four - Supplemental Investigations Documentation
Revised Site Sketch

file: 41325-2adoc

Appendix One

Interim Report dated November 6, 1996

ON SITE
TECHNOLOGIES, LTD.

November 6, 1996

Conoco, Inc., Mid-Continent Region
Attn.: Mr. John Coy
3314 Bloomfield Hwy.
Farmington, NM 87401

RE: Conoco Location Farmington B Com 1 Investigation Project 4-1325

Dear Mr. Coy:

The following interim report is intended to document events and activities with regards to a suspected hydrocarbon release at the above location and to inform interested parties of the current status of the investigation.

FIELD INVESTIGATIONS

On October 31, 1996, Ms. Cynthia Sluyter-Gray of On Site Technologies was contacted by Mr. John Coy of Conoco, Inc. to arrange sampling of groundwater through a vent pipe from the cathodic groundbed at the Farmington B Com 1 in response to complaints from area residents of hydrocarbon odors in the vicinity. Ms. Gray and Mr. Coy met at the location, opened the 1" vent pipe and attempted to bail the cathodic well and obtain a water sample. However, an obstruction in the pipe only allowed the use of 1/4" Teflon tubing to attempt sampling. Seven (7) feet of tubing were introduced into the vent pipe. The liquid recovered was identified by appearance and odor as a hydrocarbon product. Several additional attempts were made but no evidence of water was found. Mr. Coy had previous notified Mr. Denny Foust of New Mexico Oil Conservation Division, Aztec office. Mr. Foust arrived at the location and was informed of the status. A cursory soil vapor survey was performed in the general area near the cathodic grounding well vent pipe with positive results (20 to 25 units) within five feet of the vent and negative results elsewhere. A small flowing water ditch was noted adjacent to the site, located upgradient and down an embankment. A small surface water pond is also located nearby between the site and the ditch (see Site Sketch). Two water samples were taken from the pond to rule out migration of free product into the pond and the ditch. Samples were taken to the laboratory for analysis for Benzene, Toluene, Ethyl-Benzene, and Xylene (BTEX) by EPA Method 8020.

Ms. Gray and Mr. Michael Lane returned to the site later in the day with more 1/4" tubing and a water-finding paste to attempt to locate groundwater in the cathodic well. No color change was noted in the water-finding paste applied to seventeen (17) feet of tubing inserted in the vent pipe. Free product began at approximately two (2 feet) below the top of the vent pipe valve. A free product recovery attempt was scheduled for the next morning using an air driven intrinsically-safe pump and 1/4" Teflon tubing through the vent pipe. A backhoe was also scheduled for later in the morning for exploratory excavation in the area of the cathodic well. Mr. Coy notified New Mexico

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OneCall to mark utilities, lines, and pipelines in the area on an emergency basis. Mr. Foust was also apprised of the plan.

As scheduled, on November 1, 1996, Ms. Gray and Mr. Lane set up the air-powered free product recovery system with 1/4" Teflon tubing in the vent pipe and ultimately recovered approximately five (5) gallons of product and one to two gallons of water. Further efforts at recovery through the vent pipe were unsuccessful.

Line spotters for Public Service Co., City of Farmington Water and Sewer, and Farmington Electric Utility arrived on site and confirmed locations of lines and pipelines with none noted as on location. A crew from L & R Oilfield Service arrived with a backhoe as scheduled by Mr. Coy. A brief safety meeting was held by Mr. Coy. The cathodic protection line and the power line to the location equipment were located and marked. The power to the rectifier and the location were then locked out and tagged out by Mr. Coy. Two initial test pits were excavated with one (TP1) immediately adjacent to the cathodic well and the other (TP2) to the site south of the rectifier and power pole.

In TP1, stained soils were encountered at approximately three to four feet below surface grade with groundwater at approximately six feet below grade. The excavation was continued to an approximate depth of eight feet. Free product was noted seeping into the excavation from the sidewall next to the cathodic well. Several unsuccessful attempts were made to recover the product collecting in the excavation. A ten (10) foot long piece of five (5) inch diameter PVC pipe with cut slots was then placed in the excavation during backfilling to serve as a product recovery well should sufficient product be collected.

A second test pit (TP2) was excavated at a lower surface elevation approximately five (5) feet south of the rectifier and power pole. Stained soils were encountered at approximately two to three feet below surface with groundwater at approximately three to four feet. No free product was seen but a sheen was noted on the water collecting in the test pit prior to backfilling.

In consultation with Mr. Coy, Mr. Foust, and On Site personnel, it was agreed that the soil plume should be delineated with a direct-punch Geoprobe sampling unit and basic groundwater data obtained prior to initiating any further cleanup efforts. The probe was scheduled for Monday, November 4. Laboratory results were also received indicating that the pond water samples taken the previous day were below detection limits for all BTEX constituents (see attached laboratory reports).

On November 4, using the Geoprobe, seven test holes were advanced as noted on the attached Site Sketch and apparent Contamination Map. Temporary water sampling points (MW1, MW2, and MW3) were placed in Test Holes 1, 2, and 6 respectively. Soil samples were taken from each Test Hole within a two-foot interval encompassing the level at which groundwater was encountered. Soil samples were submitted to the laboratory for analysis by methods 8015 Modified (Total Petroleum Hydrocarbons) and 8020 (Benzene, Toluene, Ethyl-benzene, and Xylene) as required for closure under NMOCD regulations. Water levels were measured in the temporary water sampling

points. Groundwater samples were taken from MW1, MW2, and MW3 after well development to temperature stabilization. Samples were preserved with Hydrochloric Acid and transported to the laboratory for analysis by method 8020 (BTEX) with the primary constituent of concern being Benzene. Analytical results are noted by Test Hole (TH) and water sampling point (MW) on the Contamination Map attached. The detailed laboratory reports are also attached.

PRELIMINARY CONCLUSIONS AND RECOMMENDATIONS

Based upon an engineering plane survey conducted on November 6, depth to groundwater measurements taken November 5, and visual observations, a Site Sketch has been constructed noting locations of test holes, water sampling points, significant site features, and an estimated groundwater slope. Using that information and factoring in the results of laboratory analyses, a sketch indicating the estimated extent of significant soil contamination as well as an approximated free product plume has also been developed.

In view of limited records of an historic spill in 1992, it appears that the free product present may be residual from that spill which has been trapped in the area of the cathodic well by the clayey soils in the area. During sampling, even the cobbles at or near the water table were noted to be contained in a clay to sandy clay matrix which tends to limit the migration of hydrocarbons. Furthermore, where hydrocarbons were found in the soil and water samples, it is evident that the more volatile compounds have either degraded or evaporated, indicating that the remaining product is aged and not a recent spill.

While there is an evident impact to groundwater in the area of the cathodic well, the limited and preliminary groundwater sampling and analyses do not indicate a significant or widespread groundwater impact outside the immediate area at this time.

Due to the proximity of the site to a residential area, surface water ditches, and shallow depth to groundwater, we recommend that the operator carefully excavate contaminated soils immediately surrounding the cathodic well and south and west toward Test Hole 6 (MW 3) until closure levels of <100 parts per million TPH, < 50 ppm BTEX, and <10 ppm Benzene are reached in the soils. Care should be taken to disturb the soils at groundwater as little as possible to avoid mixing and spreading hydrocarbons into the water. Where free product is present, it should be removed either by skimming or by the application of an absorbent such as dehydrated peat moss. Excavated contaminated material should be stockpiled in a plastic-lined bermed area until off-site disposal can be arranged.

In conclusion, further investigation and monitoring of other areas of the location may be appropriate due to the site history. However, the remediation and mitigation of the immediate problem regarding the contamination in the area of the cathodic well should be addressed first.

immediate problem regarding the contamination in the area of the cathodic well should be addressed first.

If there are any questions regarding this status report, please contact either Cindy Gray or Myke Lane at On Site Technologies, (505) 325-5667.

Respectfully submitted,

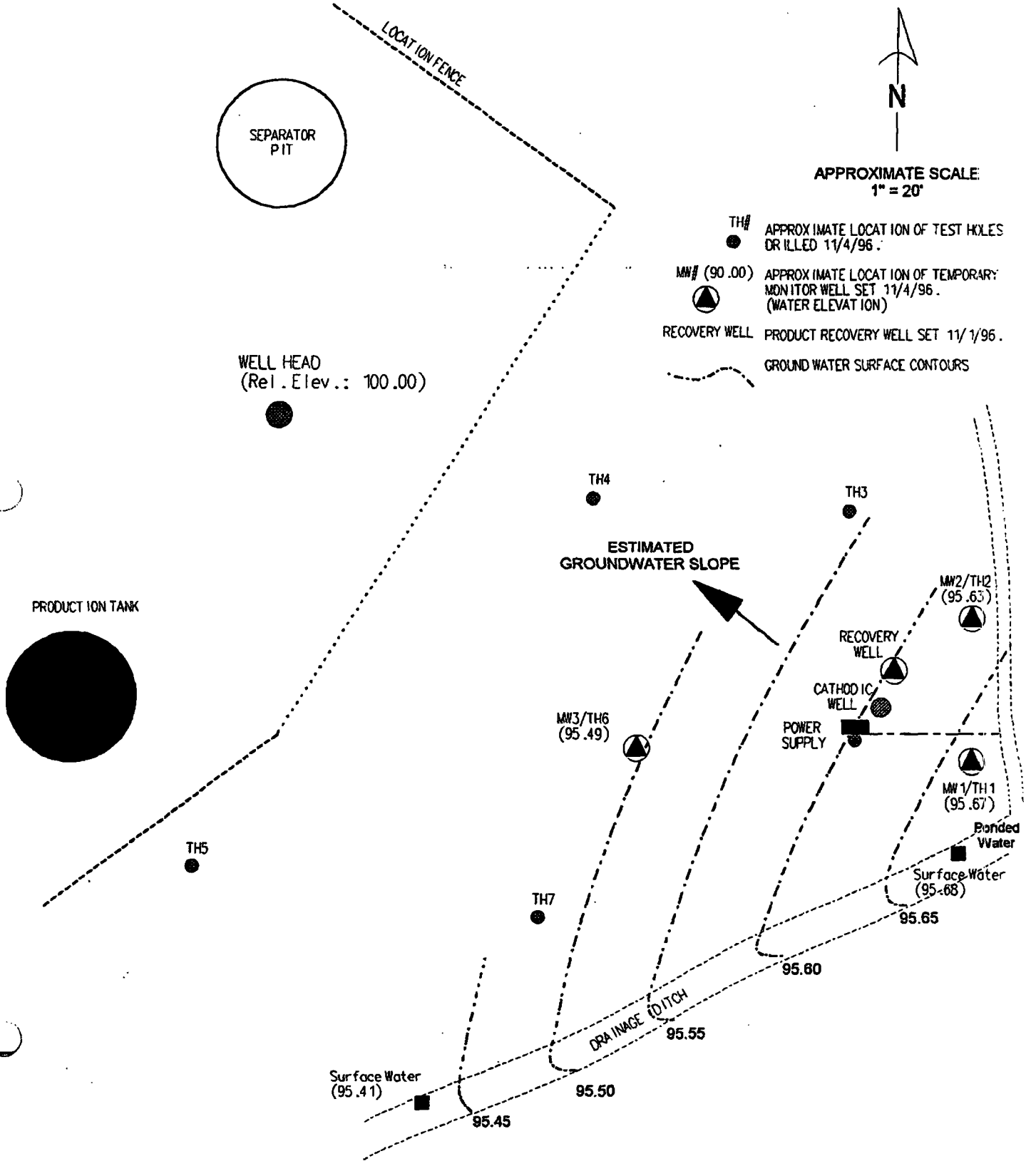
Cynthia A. Sluyter-Gray
Project Manager, On Site Technologies, Ltd.

attachments: Site Sketch
Estimated Contamination Map
Laboratory Analytical Results

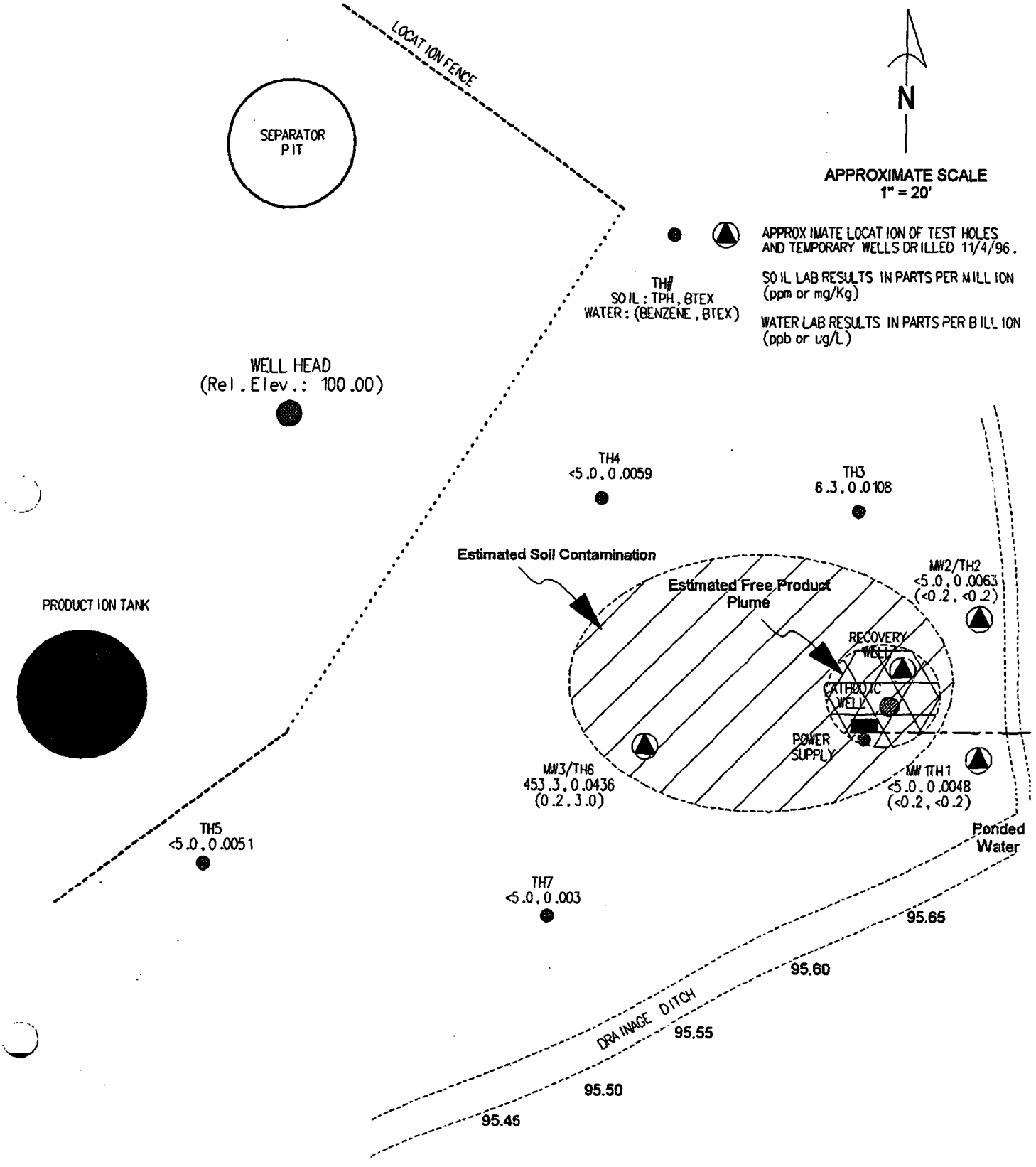
cc: Mr. Neil Goates, Conoco, Inc.
Mr. Roger Anderson, NMOCD
Mr. Denny Foust, NMOCD

file: 41325-2doc

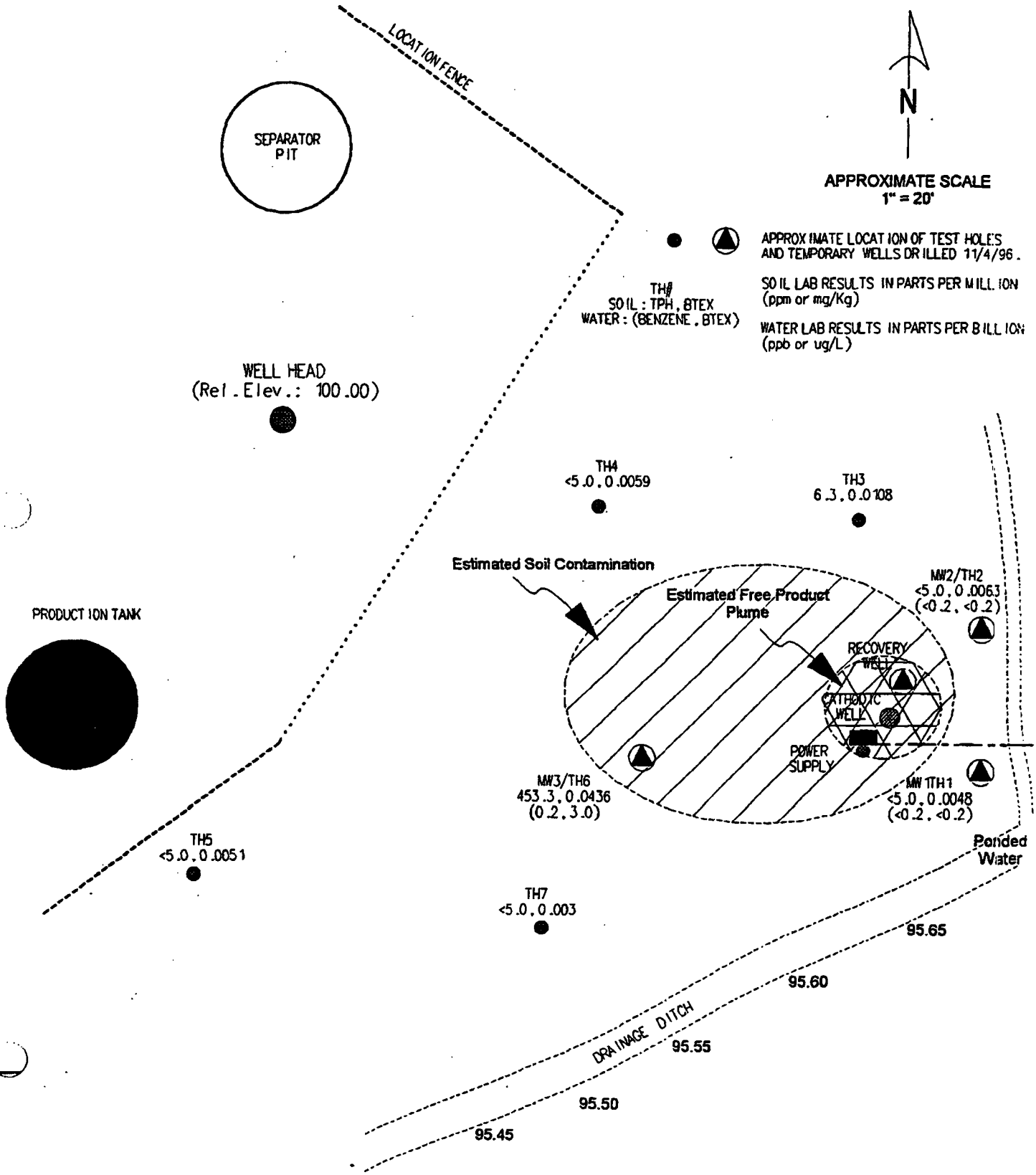
CON[illegible] INC. FARMINGTON B COM. #1 SAN JUAN CO., NM	SITE SKETCH	ON SITE TECHNOLOGIES, LTD. P.O. BOX 2606, FARMINGTON, NM 87499 (505) 325-5667
PROJECT: SITE ASSESSMENT	DRWN: NOV. 6, 1996	
PROJECT NO: 4-1325	DRWN BY: MKL	
SHEET: 1	REVISED:	



CONC INC. FARMINGTON B COM. #1 SAN JUAN CO., NM	ESTIMATED CONTAMINATION MAP	ON SITE TECHNOLOGIES, LTD. P.O. BOX 2606, FARMINGTON, NM 87499 (505) 325-5667
PROJECT: SITE ASSESSMENT	DRWN: NOV. 6, 1996	
PROJECT NO: 4-1325	DRWN BY: MKL	
SHEET: 2	REVISED:	



CONO[illegible] INC. FARMINGT[illegible]3 COM #1 SAN JUAN CO., NM	ESTIMATED CONTAMINATION MAP	ON SITE TECHNOLOGIES, LTD. P.O. BOX 2606, FARMINGTON, NM 87499 (505) 325-3667
PROJECT: SITE ASSESSMENT	DRWN: NOV. 6, 1996	
PROJECT NO: 4-1325	DRWN BY: MKL	
SHEET: 2	REVISED:	



OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	John Coy	Date:	1-Nov-96
Company:	Conoco, Inc. cc: Cindy Gray	COC No.:	6164
Address:	3315 Bloomfield Hwy.	Sample No.	12722
City, State:	Farmington, NM 87401	Job No.	2-1000

Project Name:	Pond Adjacent to Conoco Farmington B Com 1				
Project Location:	4-1303-B				
Sampled by:	CG	Date:	31-Oct-96	Time:	10:50
Analyzed by:	DC	Date:	1-Nov-96		
Sample Matrix:	Liquid				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Benzene	<0.2	ug/L	0.2	ug/L
Toluene	<0.2	ug/L	0.2	ug/L
Ethylbenzene	<0.2	ug/L	0.2	ug/L
m,p-Xylene	<0.2	ug/L	0.2	ug/L
o-Xylene	<0.2	ug/L	0.2	ug/L
TOTAL	<0.2	ug/L		

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by:
Date: 11/1/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*John Coy*	Date:	1-Nov-96
Company:	*Conoco, Inc. cc: Cindy Gray*	*COC No.:*	*6164*
Address:	*3315 Bloomfield Hwy.*	*Sample No.*	*12721*
City, State:	*Farmington, NM 87401*	*Job No.*	*2-1000*

Project Name:	*Pond Adjacent to Conoco Farmington B Com 1*				
Project Location:	*4-1303-A*				
Sampled by:	CG	Date:	31-Oct-96	Time:	10:45
Analyzed by:	DC	Date:	1-Nov-96		
Sample Matrix:	*Liquid*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Benzene	<0.2	ug/L	0.2	ug/L
Toluene	<0.2	ug/L	0.2	ug/L
Ethylbenzene	<0.2	ug/L	0.2	ug/L
m,p-Xylene	<0.2	ug/L	0.2	ug/L
o-Xylene	<0.2	ug/L	0.2	ug/L
TOTAL	<0.2	ug/L		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/1/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 1-Nov-96

Internal QC No.: *0515-QC*
Surrogate QC No.: *0516-QC*
Reference Standard QC No.: *0417-QC*

Method Blank

Parameter	*Result*	*Unit of Measure*
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Parameter	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Benzene	ppb	20.0	19.7	2	15%
Toluene	ppb	20.0	19.8	1	15%
Ethylbenzene	ppb	20.0	19.9	0	15%
m,p-Xylene	ppb	40.0	39.4	2	15%
o-Xylene	ppb	20.0	19.8	1	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Benzene	92	101	(39-150)	6	20%
Toluene	92	101	(46-148)	6	20%
Ethylbenzene	95	105	(32-160)	7	20%
m,p-Xylene	88	98	(35-145)	7	20%
o-Xylene	92	102	(35-145)	7	20%

Surrogate Recoveries

Laboratory Identification	*S1 Percent Recovered*	*S2 Percent Recovered*	*Laboratory Identification*	*S1 Percent Recovered*	*S2 Percent Recovered*
Limit Percent Recovered	(70-130)		*Limit Percent Recovered*	(70-130)	
12721-6164	97				
12722-6164	97				

S1: Flourobenzene

CHAIN OF CUSTODY RECORD

6164

ON SITE TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 10-31-96

Page 1 of 1

Purchase Order No.: | Job No. 4-1303 4-1325

SEND INVOICE TO
Name: Conoco
Company: c/o Cindy Gray | Dept.
Address:
City, State, Zip:

REPORT RESULTS TO
Name: John Coy | Title:
Company: Conoco cc: Cindy Gray
Mailing Address:
City, State, Zip:
Telephone No. | Telefax No.

Sampling Location: Pond adjacent to Conoco Farmington B Com 1

Sampler: C A Sloat-Ly

ANALYSIS REQUESTED

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	8020 BTEX	LAB ID
4-1303-A	10/31	10:45	H_2O	None	1	✓	12721-1104
4-1303-B	10/31	10:50	H_2O	None	1	✓	12722-1104

Relinquished by: C A Sloat-Ly | Date/Time 10/31 11:25 | Received by: | Date/Time
Relinquished by: | Date/Time | Received by: | Date/Time
Relinquished by: | Date/Time | Received by: | Date/Time

Method of Shipment:

Authorized by: John Coy by C A Sloat-Ly (Client Signature Must Accompany Request) Date 10-31-96

Rush	24-48 Hours	10 Working Days	Special Instructions:

Distribution: White – On Site Yellow – [illegible] Pink – Sampler Goldenrod – Client

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	John Coy	Date:	5-Nov-96
Company:	Conoco, Inc. cc: Cindy Gray	COC No.:	6172
Address:	3315 Bloomfield Hwy.	Sample No.	12741
City, State:	Farmington, NM 87401	Job No.	4-1325

Project Name:	Conoco - Farmington B Com 1				
Project Location:	Test Hole #1; 7'-9' bsg				
Sampled by:	CG	Date:	4-Nov-96	Time:	8:20
Analyzed by:	DC/HR	Date:	5-Nov-96		
Sample Matrix:	Soil				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	<5.0	mg/kg	5.0	mg/kg
TOTAL	<5.0	mg/kg		

Quality Assurance Report

GRO QC No.: 0493-STD
DRO QC No.: 0489-STD

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,350	1,410	4.5	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	97	2.8	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	111	92	(70-130)	13	20%
Diesel Range (C10-C28)	90	95	(70-130)	4	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by:

Date: 11/5/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*John Coy*	Date:	6-Nov-96
Company:	*Conoco, Inc. cc: Cindy Gray*	*COC No.:*	*6172*
Address:	*3315 Bloomfield Hwy.*	*Sample No.*	*12741*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Test Hole #1; 7'-9' bsg***				
Sampled by:	CG	Date:	4-Nov-96	Time:	8:20
Analyzed by:	DC	Date:	5-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	<0.2	ug/kg	0.2	ug/kg
Toluene	3.0	ug/kg	0.2	ug/kg
Ethylbenzene	<0.2	ug/kg	0.2	ug/kg
m,p-Xylene	1.8	ug/kg	0.2	ug/kg
o-Xylene	<0.2	ug/kg	0.2	ug/kg
TOTAL	4.8	ug/kg		

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by: Dan

Date: 11/6/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	John Coy	Date:	5-Nov-96
Company:	Conoco, Inc. cc: Cindy Gray	COC No.:	6172
Address:	3315 Bloomfield Hwy.	Sample No.	12742
City, State:	Farmington, NM 87401	Job No.	4-1325

Project Name:	Conoco - Farmington B Com 1				
Project Location:	Test Hole #2; 8'-10' bsg				
Sampled by:	CG	Date:	4-Nov-96	Time:	8:50
Analyzed by:	DC/HR	Date:	5-Nov-96		
Sample Matrix:	Soil				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	<5.0	mg/kg	5.0	mg/kg
TOTAL	<5.0	mg/kg		

Quality Assurance Report

GRO QC No.: 0493-STD

DRO QC No.: 0489-STD

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,350	1,410	4.5	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	97	2.8	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	111	92	(70-130)	13	20%
Diesel Range (C10-C28)	90	95	(70-130)	4	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by:

Date: 11/5/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*John Coy*	Date:	6-Nov-96
Company:	*Conoco, Inc. cc: Cindy Gray*	*COC No.:*	*6172*
Address:	*3315 Bloomfield Hwy.*	*Sample No.*	*12742*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Test Hole #2; 8'-10' bsg***				
Sampled by:	CG	Date:	4-Nov-96	Time:	8:50
Analyzed by:	DC	Date:	5-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	0.4	ug/kg	0.2	ug/kg
Toluene	0.7	ug/kg	0.2	ug/kg
Ethylbenzene	1.6	ug/kg	0.2	ug/kg
m,p-Xylene	1.4	ug/kg	0.2	ug/kg
o-Xylene	2.3	ug/kg	0.2	ug/kg
TOTAL	6.3	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/6/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	John Coy	Date:	5-Nov-96
Company:	Conoco, Inc. cc: Cindy Gray	COC No.:	6172
Address:	3315 Bloomfield Hwy.	Sample No.	12743
City, State:	Farmington, NM 87401	Job No.	4-1325

Project Name:	Conoco - Farmington B Com 1				
Project Location:	Test Hole #3; 6'-7.5' bsg				
Sampled by:	CG	Date:	4-Nov-96	Time:	9:20
Analyzed by:	DC/HR	Date:	5-Nov-96		
Sample Matrix:	Soil				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	66.3	mg/kg	5.0	mg/kg
TOTAL	66.3	mg/kg		

Quality Assurance Report

GRO QC No.: 0493-STD
DRO QC No.: 0489-STD

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,350	1,410	4.5	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	97	2.8	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	111	92	(70-130)	13	20%
Diesel Range (C10-C28)	90	95	(70-130)	4	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by:
Date: 11/5/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*John Coy*	Date:	6-Nov-96
Company:	*Conoco, Inc. cc: Cindy Gray*	*COC No.:*	*6172*
Address:	*3315 Bloomfield Hwy.*	*Sample No.*	*12743*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Test Hole #3; 6'-7.5' bsg***				
Sampled by:	CG	Date:	4-Nov-96	Time:	9:20
Analyzed by:	DC	Date:	5-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	<0.2	ug/kg	0.2	ug/kg
Toluene	1.4	ug/kg	0.2	ug/kg
Ethylbenzene	1.5	ug/kg	0.2	ug/kg
m,p-Xylene	3.3	ug/kg	0.2	ug/kg
o-Xylene	4.6	ug/kg	0.2	ug/kg
TOTAL	10.8	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/6/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	John Coy	Date:	5-Nov-96
Company:	Conoco, Inc. cc: Cindy Gray	COC No.:	6172
Address:	3315 Bloomfield Hwy.	Sample No.	12745
City, State:	Farmington, NM 87401	Job No.	4-1325

Project Name:	Conoco - Farmington B Com 1				
Project Location:	Test Hole #5; 3'-5' bsg				
Sampled by:	CG	Date:	4-Nov-96	Time:	10:10
Analyzed by:	DC/HR	Date:	5-Nov-96		
Sample Matrix:	Soil				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	<5.0	mg/kg	5.0	mg/kg
TOTAL	<5.0	mg/kg		

Quality Assurance Report

GRO QC No.: 0493-STD
DRO QC No.: 0489-STD

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,350	1,410	4.5	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	97	2.8	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	111	92	(70-130)	13	20%
Diesel Range (C10-C28)	90	95	(70-130)	4	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by:
Date: 11/5/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*John Coy*	Date:	6-Nov-96
Company:	*Conoco, Inc. cc: Cindy Gray*	*COC No.:*	*6172*
Address:	*3315 Bloomfield Hwy.*	*Sample No.*	*12745*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Test Hole #5; 3'-5' bsg***				
Sampled by:	CG	Date:	4-Nov-96	Time:	10:10
Analyzed by:	DC	Date:	5-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	0.5	ug/kg	0.2	ug/kg
Toluene	0.9	ug/kg	0.2	ug/kg
Ethylbenzene	0.6	ug/kg	0.2	ug/kg
m,p-Xylene	1.8	ug/kg	0.2	ug/kg
o-Xylene	1.3	ug/kg	0.2	ug/kg
TOTAL	5.1	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/6/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	John Coy	Date:	5-Nov-96
Company:	Conoco, Inc. cc: Cindy Gray	COC No.:	6172
Address:	3315 Bloomfield Hwy.	Sample No.	12746
City, State:	Farmington, NM 87401	Job No.	4-1325

Project Name:	Conoco - Farmington B Com 1				
Project Location:	Test Hole #6; 3'-5' bsg				
Sampled by:	CG	Date:	4-Nov-96	Time:	10:50
Analyzed by:	DC/HR	Date:	5-Nov-96		
Sample Matrix:	Soil				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	453.3	mg/kg	5.0	mg/kg
TOTAL	453.3	mg/kg		

Quality Assurance Report

GRO QC No.: 0493-STD
DRO QC No.: 0489-STD

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,350	1,410	4.5	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	97	2.8	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	111	92	(70-130)	13	20%
Diesel Range (C10-C28)	90	95	(70-130)	4	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by:
Date: 11/5/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*John Coy*	Date:	6-Nov-96
Company:	*Conoco, Inc. cc: Cindy Gray*	*COC No.:*	*6172*
Address:	*3315 Bloomfield Hwy.*	*Sample No.*	*12746*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Test Hole #6; 3'-5' bsg***				
Sampled by:	CG	Date:	4-Nov-96	Time:	10:50
Analyzed by:	DC	Date:	5-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	1.6	ug/kg	0.2	ug/kg
Toluene	4.2	ug/kg	0.2	ug/kg
Ethylbenzene	3.4	ug/kg	0.2	ug/kg
m,p-Xylene	19.6	ug/kg	0.2	ug/kg
o-Xylene	14.8	ug/kg	0.2	ug/kg
TOTAL	43.6	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/6/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	*John Coy*	Date:	5-Nov-96
Company:	*Conoco, Inc. cc: Cindy Gray*	*COC No.:*	*6172*
Address:	*3315 Bloomfield Hwy.*	*Sample No.*	*12747*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Test Hole #7; 5'-7' bsg***				
Sampled by:	CG	Date:	4-Nov-96	Time:	11:30
Analyzed by:	DC/HR	Date:	5-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	<5.0	mg/kg	5.0	mg/kg
TOTAL	<5.0	mg/kg		

Quality Assurance Report

GRO QC No.: *0493-STD*
DRO QC No.: *0489-STD*

Calibration Check

Parameter	*Method Blank*	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Gasoline Range (C5 - C9)	<50	ppb	1,350	1,410	4.5	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	97	2.8	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Gasoline Range (C5-C9)	111	92	(70-130)	13	20%
Diesel Range (C10-C28)	90	95	(70-130)	4	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 11/5/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	John Coy	Date:	6-Nov-96
Company:	Conoco, Inc. cc: Cindy Gray	COC No.:	6172
Address:	3315 Bloomfield Hwy.	Sample No.	12747
City, State:	Farmington, NM 87401	Job No.	4-1325

Project Name:	Conoco - Farmington B Com 1				
Project Location:	Test Hole #7; 5'-7' bsg				
Sampled by:	CG	Date:	4-Nov-96	Time:	11:30
Analyzed by:	DC	Date:	5-Nov-96		
Sample Matrix:	Soil				

Laboratory Analysis

Parameter	Result	Units of Measure	Detection Limit	Units of Measure
Benzene	<0.2	ug/kg	0.2	ug/kg
Toluene	1.6	ug/kg	0.2	ug/kg
Ethylbenzene	<0.2	ug/kg	0.2	ug/kg
m,p-Xylene	0.6	ug/kg	0.2	ug/kg
o-Xylene	0.4	ug/kg	0.2	ug/kg
TOTAL	2.6	ug/kg		

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by:
Date: 11/6/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 5-Nov-96

Internal QC No.: 0515-QC
Surrogate QC No.: 0516-QC
Reference Standard QC No.: 0417-QC

Method Blank

Analyte	*Result*	*Units of Measure*
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Analyte	*Units of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Benzene	ppb	20.0	19.9	0	15%
Toluene	ppb	20.0	20.9	4	15%
Ethylbenzene	ppb	20.0	21.0	5	15%
m,p-Xylene	ppb	40.0	41.3	3	15%
o-Xylene	ppb	20.0	20.8	4	15%

Matrix Spike

Analyte	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Benzene	100	102	(39-150)	1	20%
Toluene	100	108	(46-148)	5	20%
Ethylbenzene	102	103	(32-160)	1	20%
m,p-Xylene	102	103	(35-145)	1	20%
o-Xylene	108	102	(35-145)	4	20%

Surrogate Recoveries

Laboratory Identification	*S1 Percent Recovered*	*S2 Percent Recovered*	*Laboratory Identification*	*S1 Percent Recovered*	*S2 Percent Recovered*
Limit Percent Recovery	(70-130)		*Limit Percent Recovery*	(70-130)	
S1: Flourobenzene			*S1: Flourobenzene*		
12741-6172	94				
12742-6172	91				
12743-6172	94				
12744-6172	95				
12745-6172	95				
12746-6172	84				
12747-6172	95				

(pc)

CHAIN OF CUSTODY RECORD

6172

ON SITE TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 11-4-96

Page 1 of 1

Purchase Order No.: | Job No. 4-1325

SEND INVOICE TO: Name Conoco c/o Cindy Gray | Company | Dept. | Address | City, State, Zip

REPORT RESULTS TO: Name John Coy | Title | Company Conoco cc: Cindy Gray | Mailing Address | City, State, Zip | Telephone No. | Telefax No.

Sampling Location: Farmington B Com 1

Sampler: C. A Sylvester-Gray

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	ANALYSIS REQUESTED: BTEX 8015 M	ANALYSIS REQUESTED: 8020	LAB ID
Test Hole #1 7'-9' bsg	11/4	0820	Soil	Cool	1	✓	✓	17741-17747
" " #2 8'-10' bsg	"	0850	"	"	1	✓	✓	17742
" " #3 6'-2.5' bsg	"	0920	"	"	1	✓	✓	17743
" " #4 3'-5' bsg	"	0940	"	"	1	✓	✓	17744
" " #5 3'-5' bsg	"	1010	"	"	1	✓	✓	17745
" " #6 3'-5' bsg	"	1050	"	"	1	✓	✓	17746
" " #7 5'-7' bsg	"	1130	"	"	1	✓	✓	17747

Relinquished by: C A Sylvester-Gray	Date/Time 11/4/96 1340	Received by:	Date/Time 11/4/96 1340
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: C A Sylvester-Gray Date 11/4/96
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

Distribution: White – On Site Yellow – LAB Pink – Sampler Goldenrod – Client

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*John Coy*	Date:	6-Nov-96
Company:	*Conoco, Inc. cc: Cindy Gray*	*COC No.:*	*6173*
Address:	*3315 Bloomfield Hwy.*	*Sample No.*	*12751*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Monitor Well #1***				
Sampled by:	CG	Date:	4-Nov-96	Time:	15:40
Analyzed by:	DC	Date:	5-Nov-96		
Sample Matrix:	*Liquid*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Benzene	<0.2	ug/L	0.2	ug/L
Toluene	<0.2	ug/L	0.2	ug/L
Ethylbenzene	<0.2	ug/L	0.2	ug/L
m,p-Xylene	<0.2	ug/L	0.2	ug/L
o-Xylene	<0.2	ug/L	0.2	ug/L
TOTAL	<0.2	ug/L		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/6/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	John Coy	Date:	6-Nov-96
Company:	Conoco, Inc. cc: Cindy Gray	COC No.:	6173
Address:	3315 Bloomfield Hwy.	Sample No.	12752
City, State:	Farmington, NM 87401	Job No.	4-1325

Project Name:	Conoco - Farmington B Com 1				
Project Location:	Monitor Well #2				
Sampled by:	CG	Date:	4-Nov-96	Time:	15:55
Analyzed by:	DC	Date:	5-Nov-96		
Sample Matrix:	Liquid				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Benzene	<0.2	ug/L	0.2	ug/L
Toluene	<0.2	ug/L	0.2	ug/L
Ethylbenzene	<0.2	ug/L	0.2	ug/L
m,p-Xylene	<0.2	ug/L	0.2	ug/L
o-Xylene	<0.2	ug/L	0.2	ug/L
TOTAL	<0.2	ug/L		

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by:
Date: 11/6/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*John Coy*	Date:	6-Nov-96
Company:	*Conoco, Inc. cc: Cindy Gray*	*COC No.:*	*6173*
Address:	*3315 Bloomfield Hwy.*	*Sample No.*	*12753*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Monitor Well #3***				
Sampled by:	CG	Date:	4-Nov-96	Time:	16:10
Analyzed by:	DC	Date:	5-Nov-96		
Sample Matrix:	*Liquid*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Benzene	0.2	ug/L	0.2	ug/L
Toluene	1.5	ug/L	0.2	ug/L
Ethylbenzene	<0.2	ug/L	0.2	ug/L
m,p-Xylene	0.9	ug/L	0.2	ug/L
o-Xylene	0.4	ug/L	0.2	ug/L
TOTAL	3.0	ug/L		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/6/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 5-Nov-96

Internal QC No.: 0515-QC
Surrogate QC No.: 0516-QC
Reference Standard QC No.: 0417-QC

Method Blank

Parameter	*Result*	*Unit of Measure*
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Parameter	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Benzene	ppb	20.0	19.9	0	15%
Toluene	ppb	20.0	20.9	4	15%
Ethylbenzene	ppb	20.0	21.0	5	15%
m,p-Xylene	ppb	40.0	41.3	3	15%
o-Xylene	ppb	20.0	20.8	4	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Benzene	100	102	(39-150)	1	20%
Toluene	100	108	(46-148)	5	20%
Ethylbenzene	102	103	(32-160)	1	20%
m,p-Xylene	102	103	(35-145)	1	20%
o-Xylene	108	102	(35-145)	4	20%

Surrogate Recoveries

Laboratory Identification	*S1 Percent Recovered*	*S2 Percent Recovered*	*Laboratory Identification*	*S1 Percent Recovered*	*S2 Percent Recovered*
Limit Percent Recovered	(70-130)		*Limit Percent Recovered*	(70-130)	
12751-6173	96				
12752-6173	96				
12753-6173	93				

S1: Flourobenzene

CHAIN OF CUSTODY RECORD

3173

ON SITE TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 11-4-96

Page 1 of 1

Purchase Order No.: | Job No. 4-1325

SEND INVOICE TO
Name
Company Conoco | Dept.
Address
City, State, Zip

REPORT RESULTS TO
Name Cindy Crant | Title
Company
Mailing Address
City, State, Zip
Telephone No. | Telefax No.

Sampling Location: Farmington B-Com #1

Sampler: CG

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	BTEX 8020	LAB ID
Monitor Well #1	11-4	1540	H_2O	HCl	2	✓	
" " #2	"	1555	"	"	2	✓	
" " #3	"	1610	"	"	1	✓	

ANALYSIS REQUESTED

Relinquished by: [signature]	Date/Time 11-4-96 1645	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: [signature] Date 11-4-96
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

Distribution: White – On Site Yellow – LAB Pink – Sampler Goldenrod – Client

Appendix Two

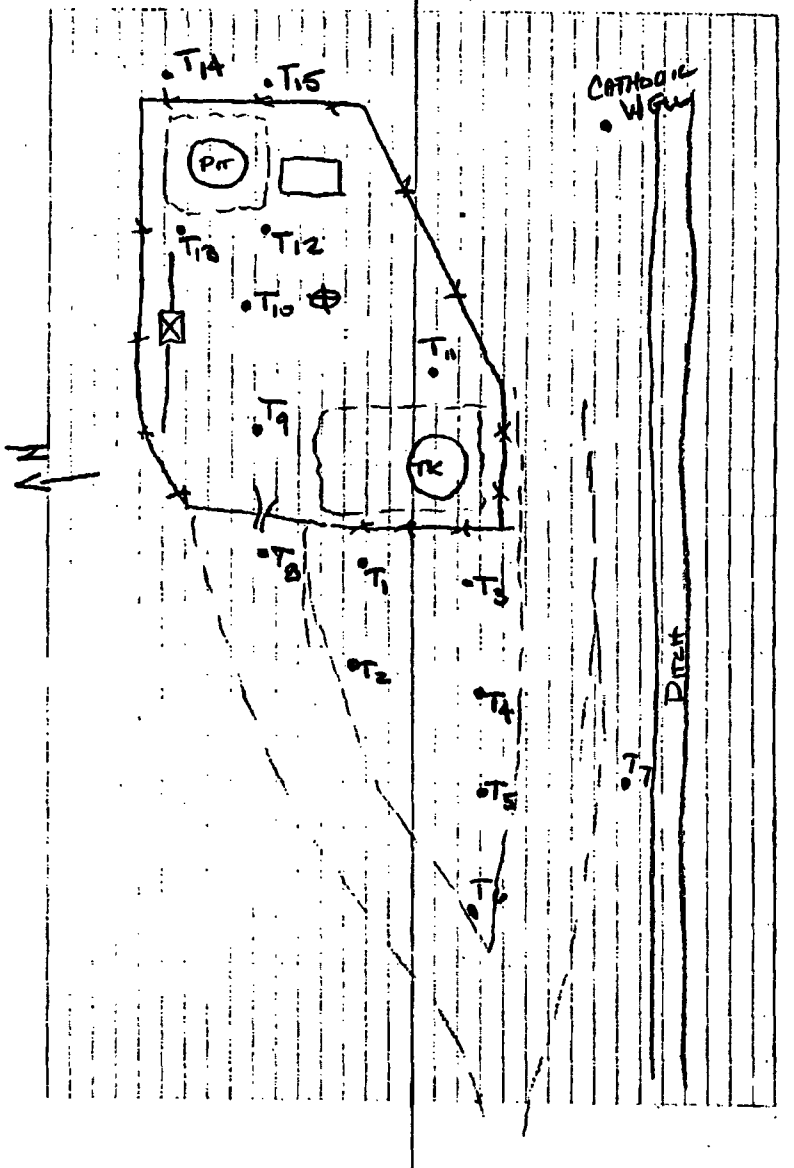
Scoping Investigations November 15, 1996

CONOCO — 4-1325

FARMINGTON B COM 1 — 11-15-96

ADDITIONAL SITE ASSESS.:
USE GEOPROBE W/ 6" AUGER
BACK ASSISTANCE

	PID	RMK
T1	>2800	6' DEPTH ON ALL BORINGS
T2	371	
T3	>2800	
T4	788	
T5	743	
T6	18.6	
T7	1.1	BLACK PEAT IN SOIL
T8	1526	
T9	214	
T10	271	
T11	1.5	FILL DIRT GREG BROWN
T12	1863	
T13	>2800	
T14	95.7	
T15	18.8	



OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	Michael Lane	Date:	19-Nov-96
Company:	On Site Technologies, Ltd. c/o Conoco	COC No.:	6191
Address:	612 E. Murray Drive	Sample No.	12882
City, State:	Farmington, NM 87401	Job No.	4-1303

Project Name:	Conoco - Farmington B Com 1				
Project Location:	Test Hole #2				
Sampled by:	ML	Date:	15-Nov-96	Time:	8:30
Analyzed by:	DC	Date:	19-Nov-96		
Sample Matrix:	Soil				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	8.8	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	19.8	mg/kg	5.0	mg/kg
TOTAL	28.5	mg/kg		

Quality Assurance Report

GRO QC No.: 0480-STD
DRO QC No.: 0512-STD

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,350	1,328	1.6	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	100	0.2	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	109	109	(70-130)	0	20%
Diesel Range (C10-C28)	100	104	(70-130)	3	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by:
Date: 11/19/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Michael Lane*	Date:	19-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6191*
Address:	*612 E. Murray Drive*	*Sample No.*	*12882*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1303*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Test Hole #2***				
Sampled by:	ML	Date:	15-Nov-96	Time:	8:30
Analyzed by:	DC	Date:	18-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	10.4	ug/kg	0.2	ug/kg
Toluene	19.0	ug/kg	0.2	ug/kg
Ethylbenzene	43.4	ug/kg	0.2	ug/kg
m,p-Xylene	166.2	ug/kg	0.2	ug/kg
o-Xylene	116.9	ug/kg	0.2	ug/kg
TOTAL	355.9	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by: Da G

Date: 11/19/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 18-Nov-96

Internal QC No.: 0515-QC
Surrogate QC No.: 0516-QC
Reference Standard QC No.: 0417-QC

Method Blank

Analyte	Result	Units of Measure
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Analyte	Units of Measure	True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20.0	19.3	4	15%
Toluene	ppb	20.0	19.8	1	15%
Ethylbenzene	ppb	20.0	20.1	0	15%
m,p-Xylene	ppb	40.0	39.7	1	15%
o-Xylene	ppb	20.0	19.9	0	15%

Matrix Spike

Analyte	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	118	110	(39-150)	5	20%
Toluene	120	112	(46-148)	5	20%
Ethylbenzene	122	113	(32-160)	5	20%
m,p-Xylene	118	110	(35-145)	5	20%
o-Xylene	115	107	(35-145)	5	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered	Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered
Limit Percent Recovery	(70-130)		Limit Percent Recovery	(70-130)	
S1: Flourobenzene			S1: Flourobenzene		
12882-6191	94				

CHAIN OF CUSTODY RECORD

6191

ON SITE TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 11/15/96 11/16/96

Page 1 of

Purchase Order No.:	Job No. 4-13		
SEND INVOICE TO: Name	% Michael Lane	REPORT RESULTS TO: Name	Michael Lane Title Sampler
Company	Conoco Dept.	Company	% On Site Technologies
Address		Mailing Address	
City, State, Zip		City, State, Zip	
		Telephone No.	Telefax No.
Sampling Location:	Farmington E Com 1		
Sampler:	Michael K. Lane		

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	BTEX 8020	TPH 8015M	LAB ID
Test Hole #2	11/14/96 11/15/96	830	Soil	N	1	✓	✓	17582-6191
				(ice)				

Relinquished by:	Date/Time 11/16/96 1430	Received by:	Date/Time 11/15/96 1430
Relinquished by:	Date/Time 11/16/96	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time
Method of Shipment:			

Authorized by: _____ Date 11/16/96
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

Distribution: White – On Site Yellow – Pink – Sampler Goldenrod – Client

Appendix Three

Soil Remediation Documentation, December 12, 1996

FARMINGTON B COM 1 SITE RECLAMATION

CONOCO, INC.

Interim Status Report

December 12, 1996

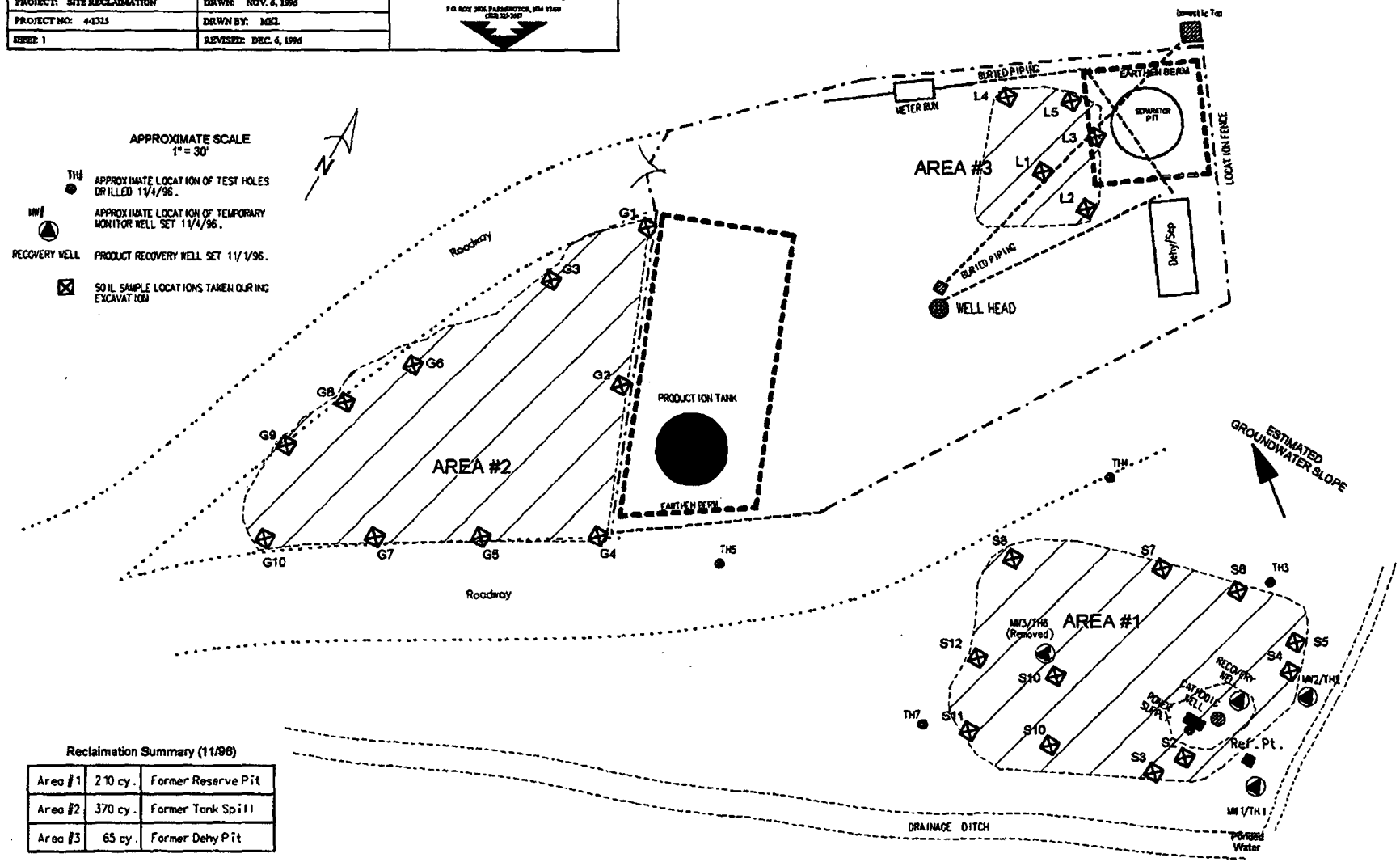
Prepared by:
Cynthia A. Sluyter/Gray
ON SITE TECHNOLOGIES, LTD.
Project 4-1325

Project 4-1325
November/December, 1996

FARMINGTON B COM 1 SITE RECLAMATION
CONOCO, INC.
FIELD AND LABORATORY TEST RESULTS SUMMARY

SAMPLE ID	DEPTH	PID units	8015M (PPM) TOTAL	8020 (PPM) BENZENE/ TOTAL BTEX	REMARKS
S-1	4.5-5'	2084	N/A	N/A	
S-2	4.5-5'	2458	3199.4	3.59/90.59	Before additional excavation
S-3	6.5'	216	<5.0	.0009/.1889	After additional excavation
S-4	6.5'	112	64.8	.628/3.847	
S-5	5.5'	5.7	1255.1	.0009/.0141	
S-6	5.5'	142	<5.0	.0005/.00125	
S-7	4-4.5'		125.9	.0011/.1311	
S-8	4.5	2.4	N/A	N/A	
S-9	4.5	2134	N/A	N/A	
S-10	4.5'	1693	N/A	N/A	
S-11	4.5-5'	79.3	<5.0	.0006/.1517	
S-12	4.5-5'	18.2	<5.0	<.0002/.0397	
G-1	3.5'	>2500	N/A	N/A	
G-2	4.0-5.0'	>2500	1599.1	4.533/101.202	
G-3	3.5'	108	<5.0	.0277/.4358	
G-4	5.0'	1.6	7.2	.0005/.0850	
G-5	4.5-5.0'	593	543.9	.0604/23.567	
G-6	4.5-5.0'	1958	45.6	.0359/2.8325	
G-7	4.5-5.0'	57.7	480.9	.0024/.3568	
G-8	4.5-5.0'	12.6	7.3	.0014/.2439	
G-9	5.0	76.7	18.2	.0024/.5461	
G-10	4.5-5.0'	292	52.2	.0102/2.4045	
L-1	4.0'	>2500	N/A	N/A	At loaded domestic gas tap from well
L-2	4.5'	767	408.3	.1192/30.0223	Limited by line
L-3	4.5-5.0'	>2500	4138.3	13.780/399.081	Limited by fiberglass tank pit
L-4	5.0'	2379	1116.4	2.1967/78.1363	Limited by meter run lines
L-5	5.0'	>2500	956.3	6.3206/101.635	Limited by meter run lines

CONOCO, INC. FARMINGTON B COM. #1 SAN JUAN CO., NM	SITE SKETCH	ON SITE TECHNOLOGIES, LTD.
PROJECT: SITE RECLAIMATION	DRWN: NOV. 6, 1996	
PROJECT NO: 4-1323	DRWN BY: MKL	
SHEET: 1	REVISED: DEC. 6, 1996	



Reclaimation Summary (11/96)

Area #1	210 cy.	Former Reserve Pit
Area #2	370 cy.	Former Tank Spill
Area #3	65 cy.	Former Dehy Pit

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	*Cindy Gray*	Date:	22-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	*COC No.:*	*6203*
Address:	*612 E. Murray Drive*	*Sample No.*	*12935*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1 Clean-up***				
Project Location:	***S2 @ 4.5' bsg***				
Sampled by:	CG	Date:	19-Nov-96	Time:	10:15
Analyzed by:	DC/HR	Date:	21-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Gasoline Range Organics (C5 - C9)	2074.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	1125.4	mg/kg	5.0	mg/kg
TOTAL	3199.4	mg/kg		

Quality Assurance Report

GRO QC No.: *0480-STD*
DRO QC No.: *0512-STD*

Calibration Check

Parameter	*Method Blank*	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Gasoline Range (C5 - C9)	<50	ppb	1,350	1,239	8.2	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	104	4.2	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Gasoline Range (C5-C9)	103	100	(70-130)	2	20%
Diesel Range (C10-C28)	109	107	(70-130)	1	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 11/23/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	22-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	*COC No.:*	*6203*
Address:	*612 E. Murray Drive*	*Sample No.*	*12935*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1 Clean-up***				
Project Location:	***S2 @ 4.5' bsg***				
Sampled by:	CG	Date:	19-Nov-96	Time:	10:15
Analyzed by:	DC	Date:	21-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Component	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	3585.4	ug/kg	0.2	ug/kg
Toluene	5288.1	ug/kg	0.2	ug/kg
Ethylbenzene	10530.4	ug/kg	0.2	ug/kg
m,p-Xylene	63030.8	ug/kg	0.2	ug/kg
o-Xylene	8160.9	ug/kg	0.2	ug/kg
TOTAL	90595.7	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by: Dac

Date: 11/23/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	*Cindy Gray*	Date:	22-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	*COC No.:*	*6203*
Address:	*612 E. Murray Drive*	*Sample No.*	*12936*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1 Clean-up***				
Project Location:	***S3 @ 6.5' bsg***				
Sampled by:	CG	Date:	19-Nov-96	Time:	13:00
Analyzed by:	DC/HR	Date:	21-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	<5.0	mg/kg	5.0	mg/kg
TOTAL	<5.0	mg/kg		

Quality Assurance Report

GRO QC No.: *0480-STD*
DRO QC No.: *0512-STD*

Calibration Check

Parameter	*Method Blank*	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Gasoline Range (C5 - C9)	<50	ppb	1,350	1,239	8.2	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	104	4.2	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Gasoline Range (C5-C9)	103	100	(70-130)	2	20%
Diesel Range (C10-C28)	109	107	(70-130)	1	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 11/23/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	22-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	*COC No.:*	*6203*
Address:	*612 E. Murray Drive*	*Sample No.*	*12936*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1 Clean-up***				
Project Location:	***S3 @ 6.5' bsg***				
Sampled by:	CG	Date:	19-Nov-96	Time:	13:00
Analyzed by:	DC	Date:	21-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	0.9	ug/kg	0.2	ug/kg
Toluene	6.8	ug/kg	0.2	ug/kg
Ethylbenzene	9.8	ug/kg	0.2	ug/kg
m,p-Xylene	25.1	ug/kg	0.2	ug/kg
o-Xylene	146.3	ug/kg	0.2	ug/kg
TOTAL	188.9	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/23/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	Cindy Gray	Date:	22-Nov-96
Company:	On Site Technologies, Ltd. c/o Conoco, Inc.	COC No.:	6206
Address:	612 E. Murray Drive	Sample No.	12950
City, State:	Farmington, NM 87401	Job No.	4-1325

Project Name:	Conoco - Farmington B Com 1				
Project Location:	Sample 4 @ 6.5' (Bottom)				
Sampled by:	CG	Date:	20-Nov-96	Time:	NR
Analyzed by:	DC/HR	Date:	21-Nov-96		
Sample Matrix:	Soil				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	10.7	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	54.1	mg/kg	5.0	mg/kg
TOTAL	64.8	mg/kg		

Quality Assurance Report

GRO QC No.: 0480-STD

DRO QC No.: 0512-STD

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,801	1,817	0.9	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	105	4.8	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	103	100	(70-130)	2	20%
Diesel Range (C10-C28)	109	107	(70-130)	1	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by:

Date: 11/25/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	22-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	*COC No.:*	*6206*
Address:	*612 E. Murray Drive*	*Sample No.*	*12950*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Sample 4 @ 6.5' (Bottom)***				
Sampled by:	CG	Date:	20-Nov-96	Time:	NR
Analyzed by:	DC	Date:	21-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	628.3	ug/kg	0.2	ug/kg
Toluene	1411.0	ug/kg	0.2	ug/kg
Ethylbenzene	258.8	ug/kg	0.2	ug/kg
m,p-Xylene	1168.0	ug/kg	0.2	ug/kg
o-Xylene	381.3	ug/kg	0.2	ug/kg
TOTAL	3847.3	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/25/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	22-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	*COC No.:*	*6206*
Address:	*612 E. Murray Drive*	*Sample No.*	*12951*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Sample 5 @ 5.5' (E. Sidewall)***				
Sampled by:	CG	Date:	20-Nov-96	Time:	NR
Analyzed by:	DC	Date:	21-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	0.9	ug/kg	0.2	ug/kg
Toluene	5.8	ug/kg	0.2	ug/kg
Ethylbenzene	0.9	ug/kg	0.2	ug/kg
m,p-Xylene	4.8	ug/kg	0.2	ug/kg
o-Xylene	1.6	ug/kg	0.2	ug/kg
TOTAL	14.1	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/25/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	*Cindy Gray*	Date:	22-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	*COC No.:*	*6206*
Address:	*612 E. Murray Drive*	*Sample No.*	*12951*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Sample 5 @ 5.5' (E. Sidewall)***				
Sampled by:	CG	Date:	20-Nov-96	Time:	NR
Analyzed by:	DC/HR	Date:	21-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	1255.1	mg/kg	5.0	mg/kg
TOTAL	1255.1	mg/kg		

Quality Assurance Report

GRO QC No.: *0480-STD*
DRO QC No.: *0512-STD*

Calibration Check

Parameter	*Method Blank*	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Gasoline Range (C5 - C9)	<50	ppb	1,801	1,817	0.9	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	105	4.8	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Gasoline Range (C5-C9)	103	100	(70-130)	2	20%
Diesel Range (C10-C28)	109	107	(70-130)	1	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 11/25/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	Cindy Gray	Date:	22-Nov-96
Company:	On Site Technologies, Ltd. c/o Conoco, Inc.	COC No.:	6206
Address:	612 E. Murray Drive	Sample No.	12952
City, State:	Farmington, NM 87401	Job No.	4-1325

Project Name:	Conoco - Farmington B Com 1				
Project Location:	Sample 6 @ 6.5' (NE Sidewall)				
Sampled by:	CG	Date:	20-Nov-96	Time:	NR
Analyzed by:	DC/HR	Date:	22-Nov-96		
Sample Matrix:	Soil				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	<5.0	mg/kg	5.0	mg/kg
TOTAL	<5.0	mg/kg		

Quality Assurance Report

GRO QC No.: 0480-STD
DRO QC No.: 0512-STD

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,801	1,817	0.9	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	107	7.3	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	103	100	(70-130)	2	20%
Diesel Range (C10-C28)	109	107	(70-130)	1	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by:
Date: 11/25/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	22-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	*COC No.:*	*6206*
Address:	*612 E. Murray Drive*	*Sample No.*	*12952*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Sample 6 @ 6.5' (NE Sidewall)***				
Sampled by:	CG	Date:	20-Nov-96	Time:	NR
Analyzed by:	DC	Date:	21-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	0.5	ug/kg	0.2	ug/kg
Toluene	6.8	ug/kg	0.2	ug/kg
Ethylbenzene	1.1	ug/kg	0.2	ug/kg
m,p-Xylene	3.1	ug/kg	0.2	ug/kg
o-Xylene	1.0	ug/kg	0.2	ug/kg
TOTAL	12.5	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/25/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	Cindy Gray	Date:	22-Nov-96
Company:	On Site Technologies, Ltd. c/o Conoco, Inc.	COC No.:	6206
Address:	612 E. Murray Drive	Sample No.	12953
City, State:	Farmington, NM 87401	Job No.	4-1325

Project Name:	Conoco - Farmington B Com 1				
Project Location:	Sample 7 @ 4.0' (NW Sidewall)				
Sampled by:	CG	Date:	20-Nov-96	Time:	NR
Analyzed by:	DC/HR	Date:	22-Nov-96		
Sample Matrix:	Soil				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	125.9	mg/kg	5.0	mg/kg
TOTAL	125.9	mg/kg		

Quality Assurance Report

GRO QC No.: 0480-STD

DRO QC No.: 0512-STD

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,801	1,817	0.9	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	107	7.3	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	103	100	(70-130)	2	20%
Diesel Range (C10-C28)	109	107	(70-130)	1	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by:

Date: 11/25/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	22-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	*COC No.:*	*6206*
Address:	*612 E. Murray Drive*	*Sample No.*	*12953*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Sample 7 @ 4.0' (NW Sidewall)***				
Sampled by:	CG	Date:	20-Nov-96	Time:	NR
Analyzed by:	DC	Date:	21-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	1.1	ug/kg	0.2	ug/kg
Toluene	3.3	ug/kg	0.2	ug/kg
Ethylbenzene	11.1	ug/kg	0.2	ug/kg
m,p-Xylene	75.1	ug/kg	0.2	ug/kg
o-Xylene	40.4	ug/kg	0.2	ug/kg
TOTAL	131.1	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:

Date: 11/25/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	Cindy Gray	Date:	25-Nov-96
Company:	On Site Technologies, Ltd. c/o Conoco	COC No.:	6211
Address:	612 E. Murray Drive	Sample No.	13006
City, State:	Farmington, NM 87401	Job No.	4-1325

Project Name:	Conoco - Farmington B Com 1				
Project Location:	Sample 11; SE Sidewall @ 4-5'				
Sampled by:	CG	Date:	21-Nov-96	Time:	NR
Analyzed by:	DC/HR	Date:	22-Nov-96		
Sample Matrix:	Soil				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	<5.0	mg/kg	5.0	mg/kg
TOTAL	<5.0	mg/kg		

Quality Assurance Report

GRO QC No.: 0480-STD
DRO QC No.: 0512-STD

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,801	1,746	3.1	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	107	7.3	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	110	103	(70-130)	4	20%
Diesel Range (C10-C28)	109	107	(70-130)	1	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: DAC
Date: 11/25/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	25-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6211*
Address:	*612 E. Murray Drive*	*Sample No.*	*13006*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Farmington B Com 1***				
Project Location:	***Sample 11; SE Sidewall @ 4-5'***				
Sampled by:	CG	Date:	21-Nov-96	Time:	NR
Analyzed by:	DC	Date:	23-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	0.6	ug/kg	0.2	ug/kg
Toluene	4.7	ug/kg	0.2	ug/kg
Ethylbenzene	55.4	ug/kg	0.2	ug/kg
m,p-Xylene	74.6	ug/kg	0.2	ug/kg
o-Xylene	16.4	ug/kg	0.2	ug/kg
TOTAL	151.7	ug/kg		

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/25/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	*Cindy Gray*	Date:	25-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6211*
Address:	*612 E. Murray Drive*	*Sample No.*	*13007*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Sample 12; West End***				
Sampled by:	CG	Date:	21-Nov-96	Time:	NR
Analyzed by:	DC/HR	Date:	22-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	<5.0	mg/kg	5.0	mg/kg
TOTAL	<5.0	mg/kg		

Quality Assurance Report

GRO QC No.: *0480-STD*
DRO QC No.: *0512-STD*

Calibration Check

Parameter	*Method Blank*	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Gasoline Range (C5 - C9)	<50	ppb	1,801	1,746	3.1	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	107	7.3	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Gasoline Range (C5-C9)	110	103	(70-130)	4	20%
Diesel Range (C10-C28)	102	105	(70-130)	2	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 11/25/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	25-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6211*
Address:	*612 E. Murray Drive*	*Sample No.*	*13007*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Farmington B Com 1***				
Project Location:	***Sample 12; West End***				
Sampled by:	CG	Date:	21-Nov-96	Time:	NR
Analyzed by:	DC	Date:	23-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	<0.2	ug/kg	0.2	ug/kg
Toluene	4.3	ug/kg	0.2	ug/kg
Ethylbenzene	8.5	ug/kg	0.2	ug/kg
m,p-Xylene	21.7	ug/kg	0.2	ug/kg
o-Xylene	5.2	ug/kg	0.2	ug/kg
TOTAL	39.7	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/25/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	*Cindy Gray*	Date:	25-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6211*
Address:	*612 E. Murray Drive*	*Sample No.*	*13008*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Grab 2; Under Fence Adjacent to Production Tank @ 4'***				
Sampled by:	CG	Date:	21-Nov-96	Time:	14:00
Analyzed by:	DC/HR	Date:	22-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Gasoline Range Organics (C5 - C9)	926.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	673.2	mg/kg	5.0	mg/kg
TOTAL	1599.1	mg/kg		

Quality Assurance Report

GRO QC No.: *0480-STD*
DRO QC No.: *0512-STD*

Calibration Check

Parameter	*Method Blank*	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Gasoline Range (C5 - C9)	<50	ppb	1,351	1,411	4.4	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	110	10.2	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Gasoline Range (C5-C9)	110	103	(70-130)	4	20%
Diesel Range (C10-C28)	102	105	(70-130)	2	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 11/25/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	25-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	*COC No.:*	*6211*
Address:	*612 E. Murray Drive*	*Sample No.*	*13008*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1 Clean-up***				
Project Location:	***Grab 2; Under Fence Adjacent to Production Tank @ 4'***				
Sampled by:	CG	Date:	21-Nov-96	Time:	14:00
Analyzed by:	DC	Date:	23-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Component	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	4533.3	ug/kg	0.2	ug/kg
Toluene	3263.3	ug/kg	0.2	ug/kg
Ethylbenzene	21461.2	ug/kg	0.2	ug/kg
m,p-Xylene	64546.6	ug/kg	0.2	ug/kg
o-Xylene	7397.8	ug/kg	0.2	ug/kg
TOTAL	101202.3	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/25/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	Cindy Gray	Date:	25-Nov-96
Company:	On Site Technologies, Ltd. c/o Conoco	COC No.:	6211
Address:	612 E. Murray Drive	Sample No.	13009
City, State:	Farmington, NM 87401	Job No.	4-1325

Project Name:	Conoco - Farmington B Com 1				
Project Location:	Grab 3; Under Access Road NE @ 3.5'				
Sampled by:	CG	Date:	21-Nov-96	Time:	15:15
Analyzed by:	DC/HR	Date:	22-Nov-96		
Sample Matrix:	Soil				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	<5.0	mg/kg	5.0	mg/kg
TOTAL	<5.0	mg/kg		

Quality Assurance Report

GRO QC No.: 0480-STD
DRO QC No.: 0512-STD

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,351	1,411	4.4	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	110	10.2	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	110	103	(70-130)	4	20%
Diesel Range (C10-C28)	102	105	(70-130)	2	20%

Method - *SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 11/25/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	25-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6211*
Address:	*612 E. Murray Drive*	*Sample No.*	*13009*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Farmington B Com 1***				
Project Location:	***Grab 3; Under Access Road NE @ 3.5'***				
Sampled by:	CG	Date:	21-Nov-96	Time:	15:15
Analyzed by:	DC	Date:	23-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	27.7	ug/kg	0.2	ug/kg
Toluene	10.8	ug/kg	0.2	ug/kg
Ethylbenzene	22.9	ug/kg	0.2	ug/kg
m,p-Xylene	368.7	ug/kg	0.2	ug/kg
o-Xylene	5.6	ug/kg	0.2	ug/kg
TOTAL	435.8	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/25/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	*Cindy Gray*	Date:	26-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6212*
Address:	*612 E. Murray Drive*	*Sample No.*	*13023*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***G4; South Fence Post @ 4.5' bsg***				
Sampled by:	CG	Date:	22-Nov-96	Time:	NR
Analyzed by:	DC/HR	Date:	26-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	7.2	mg/kg	5.0	mg/kg
TOTAL	7.2	mg/kg		

Quality Assurance Report

GRO QC No.: *0480-STD*
DRO QC No.: *0512-STD*

Calibration Check

Parameter	*Method Blank*	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Gasoline Range (C5 - C9)	<50	ppb	1,351	1,362	0.8	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	103	2.8	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Gasoline Range (C5-C9)	99	98	(70-130)	1	20%
Diesel Range (C10-C28)	102	105	(70-130)	2	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 11/27/96

ON SITE TECHNOLOGIES, LTD.

OFF: (505) 325-5667 LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	26-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6212*
Address:	*612 E. Murray Drive*	*Sample No.*	*13023*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***G4; South Fence Post @ 4.5' bsg***				
Sampled by:	CG	Date:	22-Nov-96	Time:	NR
Analyzed by:	DC	Date:	24-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	0.5	ug/kg	0.2	ug/kg
Toluene	18.3	ug/kg	0.2	ug/kg
Ethylbenzene	24.1	ug/kg	0.2	ug/kg
m,p-Xylene	36.0	ug/kg	0.2	ug/kg
o-Xylene	6.1	ug/kg	0.2	ug/kg
TOTAL	85.0	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by: *Date:* 11/27/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	*Cindy Gray*	Date:	26-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6212*
Address:	*612 E. Murray Drive*	*Sample No.*	*13024*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***G5; Sidewall @ South Rd. @ 4.5'***				
Sampled by:	CG	Date:	22-Nov-96	Time:	NR
Analyzed by:	DC/HR	Date:	26-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Gasoline Range Organics (C5 - C9)	283.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	260.9	mg/kg	5.0	mg/kg
TOTAL	543.9	mg/kg		

Quality Assurance Report

GRO QC No.: *0480-STD*
DRO QC No.: *0512-STD*

Calibration Check

Parameter	*Method Blank*	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Gasoline Range (C5 - C9)	<50	ppb	1,351	1,362	0.8	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	103	2.8	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Gasoline Range (C5-C9)	99	98	(70-130)	1	20%
Diesel Range (C10-C28)	102	105	(70-130)	2	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 11/27/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	25-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	*COC No.:*	*6212*
Address:	*612 E. Murray Drive*	*Sample No.*	*13024*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***G5; Sidewall @ South Rd. @ 4.5'***				
Sampled by:	CG	Date:	22-Nov-96	Time:	NR
Analyzed by:	DC	Date:	24-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Component	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	60.4	ug/kg	0.2	ug/kg
Toluene	3954.6	ug/kg	0.2	ug/kg
Ethylbenzene	2296.9	ug/kg	0.2	ug/kg
m,p-Xylene	17112.5	ug/kg	0.2	ug/kg
o-Xylene	142.7	ug/kg	0.2	ug/kg
TOTAL	23567.1	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/27/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	*Cindy Gray*	Date:	26-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6212*
Address:	*612 E. Murray Drive*	*Sample No.*	*13025*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***G6; Sidewall under North Rd. @ 4'-5'***				
Sampled by:	CG	Date:	22-Nov-96	Time:	NR
Analyzed by:	DC/HR	Date:	26-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Gasoline Range Organics (C5 - C9)	22.2	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	23.3	mg/kg	5.0	mg/kg
TOTAL	45.6	mg/kg		

Quality Assurance Report

GRO QC No.: *0480-STD*
DRO QC No.: *0512-STD*

Calibration Check

Parameter	*Method Blank*	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Gasoline Range (C5 - C9)	<50	ppb	1,351	1,362	0.8	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	103	2.8	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Gasoline Range (C5-C9)	99	98	(70-130)	1	20%
Diesel Range (C10-C28)	102	105	(70-130)	2	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 11/27/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	26-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6212*
Address:	*612 E. Murray Drive*	*Sample No.*	*13025*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***G6; Sidewall under North Rd. @ 4'-5'***				
Sampled by:	CG	Date:	22-Nov-96	Time:	NR
Analyzed by:	DC	Date:	24-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	35.9	ug/kg	0.2	ug/kg
Toluene	122.6	ug/kg	0.2	ug/kg
Ethylbenzene	143.6	ug/kg	0.2	ug/kg
m,p-Xylene	2229.3	ug/kg	0.2	ug/kg
o-Xylene	301.1	ug/kg	0.2	ug/kg
TOTAL	2832.6	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/27/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	Cindy Gray	Date:	26-Nov-96
Company:	On Site Technologies, Ltd. c/o Conoco	COC No.:	6212
Address:	612 E. Murray Drive	Sample No.	13026
City, State:	Farmington, NM 87401	Job No.	4-1325

Project Name:	Conoco - Farmington B Com 1				
Project Location:	G7; Sidewall @ South Rd. @ 4'-5'				
Sampled by:	CG	Date:	22-Nov-96	Time:	NR
Analyzed by:	DC/HR	Date:	26-Nov-96		
Sample Matrix:	Soil				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	19.4	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	461.4	mg/kg	5.0	mg/kg
TOTAL	480.9	mg/kg		

Quality Assurance Report

GRO QC No.: 0480-STD
DRO QC No.: 0512-STD

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,351	1,362	0.8	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	103	2.8	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	99	98	(70-130)	1	20%
Diesel Range (C10-C28)	102	105	(70-130)	2	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by:
Date: 11/27/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	29-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6212*
Address:	*612 E. Murray Drive*	*Sample No.*	*13026*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***G7; Sidewall @ South Rd. @ 4-5'***				
Sampled by:	CG	Date:	22-Nov-96	Time:	NR
Analyzed by:	DC	Date:	27-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	2.4	ug/kg	0.2	ug/kg
Toluene	24.0	ug/kg	0.2	ug/kg
Ethylbenzene	67.6	ug/kg	0.2	ug/kg
m,p-Xylene	246.9	ug/kg	0.2	ug/kg
o-Xylene	15.9	ug/kg	0.2	ug/kg
TOTAL	356.8	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/29/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	Cindy Gray	Date:	26-Nov-96
Company:	On Site Technologies, Ltd. c/o Conoco	COC No.:	6212
Address:	612 E. Murray Drive	Sample No.	13027
City, State:	Farmington, NM 87401	Job No.	4-1325

Project Name:	Conoco - Farmington B Com 1				
Project Location:	G8; Sidewall @ North Rd. @ 4'-5'				
Sampled by:	CG	Date:	22-Nov-96	Time:	NR
Analyzed by:	DC/HR	Date:	26-Nov-96		
Sample Matrix:	Soil				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	7.3	mg/kg	5.0	mg/kg
TOTAL	7.3	mg/kg		

Quality Assurance Report

GRO QC No.: 0480-STD

DRO QC No.: 0512-STD

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,351	1,362	0.8	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	103	2.8	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	99	98	(70-130)	1	20%
Diesel Range (C10-C28)	102	105	(70-130)	2	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by:

Date: 11/27/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	26-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6212*
Address:	*612 E. Murray Drive*	*Sample No.*	*13027*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***G8; Sidewall @ North Rd. @ 4'-5'***				
Sampled by:	CG	Date:	22-Nov-96	Time:	NR
Analyzed by:	DC	Date:	24-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	1.4	ug/kg	0.2	ug/kg
Toluene	1.3	ug/kg	0.2	ug/kg
Ethylbenzene	13.7	ug/kg	0.2	ug/kg
m,p-Xylene	218.4	ug/kg	0.2	ug/kg
o-Xylene	9.2	ug/kg	0.2	ug/kg
TOTAL	243.9	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:

Date: 11/27/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	Cindy Gray	Date:	26-Nov-96
Company:	On Site Technologies, Ltd. c/o Conoco	COC No.:	6213
Address:	612 E. Murray Drive	Sample No.	13028
City, State:	Farmington, NM 87401	Job No.	4-1325

Project Name:	Conoco - Farmington B Com 1				
Project Location:	G9; North Road West End @ 5'				
Sampled by:	CG	Date:	23-Nov-96	Time:	9:45
Analyzed by:	DC/HR	Date:	26-Nov-96		
Sample Matrix:	Soil				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	18.2	mg/kg	5.0	mg/kg
TOTAL	18.2	mg/kg		

Quality Assurance Report

GRO QC No.: 0480-STD
DRO QC No.: 0512-STD

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,351	1,362	0.8	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	103	2.8	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	99	98	(70-130)	1	20%
Diesel Range (C10-C28)	102	105	(70-130)	2	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by:
Date: 11/27/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	26-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6213*
Address:	*612 E. Murray Drive*	*Sample No.*	*13028*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***G9; North Road West End @ 5'***				
Sampled by:	CG	Date:	23-Nov-96	Time:	9:45
Analyzed by:	DC	Date:	24-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	2.4	ug/kg	0.2	ug/kg
Toluene	27.7	ug/kg	0.2	ug/kg
Ethylbenzene	36.6	ug/kg	0.2	ug/kg
m,p-Xylene	392.3	ug/kg	0.2	ug/kg
o-Xylene	87.1	ug/kg	0.2	ug/kg
TOTAL	546.1	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:

Date: 11/29/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	Cindy Gray	Date:	26-Nov-96
Company:	On Site Technologies, Ltd. c/o Conoco	COC No.:	6213
Address:	612 E. Murray Drive	Sample No.	13029
City, State:	Farmington, NM 87401	Job No.	4-1325

Project Name:	Conoco - Farmington B Com 1				
Project Location:	G10; Roads Intersection @ 4.5-5'				
Sampled by:	CG	Date:	23-Nov-96	Time:	10:45
Analyzed by:	DC/HR	Date:	26-Nov-96		
Sample Matrix:	Soil				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	12.4	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	39.8	mg/kg	5.0	mg/kg
TOTAL	52.2	mg/kg		

Quality Assurance Report

GRO QC No.: 0480-STD
DRO QC No.: 0512-STD

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,351	1,362	0.8	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	103	2.8	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	99	98	(70-130)	1	20%
Diesel Range (C10-C28)	102	105	(70-130)	2	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by:
Date: 11/27/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	29-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6213*
Address:	*612 E. Murray Drive*	*Sample No.*	*13029*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***G10; Roads Intersection @ 4-5'***				
Sampled by:	CG	Date:	23-Nov-96	Time:	NR
Analyzed by:	DC/HR	Date:	27-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	10.2	ug/kg	0.2	ug/kg
Toluene	68.1	ug/kg	0.2	ug/kg
Ethylbenzene	92.9	ug/kg	0.2	ug/kg
m,p-Xylene	2084.8	ug/kg	0.2	ug/kg
o-Xylene	148.5	ug/kg	0.2	ug/kg
TOTAL	2404.5	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/29/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	*Cindy Gray*	Date:	2-Dec-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6217*
Address:	*612 E. Murray Drive*	*Sample No.*	*13055*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Farmington B Com 1 - Old Dehy Pit***				
Project Location:	***Point L2; SE Corner SE of T12 @ 4.5'***				
Sampled by:	CG	Date:	26-Nov-96	Time:	10:30
Analyzed by:	DC/HR	Date:	2-Dec-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Gasoline Range Organics (C5 - C9)	303.3	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	105.0	mg/kg	5.0	mg/kg
TOTAL	408.3	mg/kg		

Quality Assurance Report

GRO QC No.: *0480-STD*
DRO QC No.: *0512-STD*

Calibration Check

Parameter	*Method Blank*	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Gasoline Range (C5 - C9)	<50	ppb	1,801	1,850	2.7	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	100	0.3	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Gasoline Range (C5-C9)	98	94	(70-130)	3	20%
Diesel Range (C10-C28)	117	110	(70-130)	4	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 12/2/96

OFF: (505) 325-5667

ON SITE
TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	30-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	*COC No.:*	*6217*
Address:	*612 E. Murray Drive*	*Sample No.*	*13055*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1 Clean-up***				
Project Location:	***Point L2; Se Corner SE of T12 @ 4.5'***				
Sampled by:	CG	Date:	26-Nov-96	Time:	10:30
Analyzed by:	DC	Date:	27-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Component	Result	Units of Measure	Detection Limit	Units of Measure
Benzene	119.2	ug/kg	0.2	ug/kg
Toluene	9236.3	ug/kg	0.2	ug/kg
Ethylbenzene	1337.8	ug/kg	0.2	ug/kg
m,p-Xylene	15974.3	ug/kg	0.2	ug/kg
o-Xylene	3354.7	ug/kg	0.2	ug/kg
TOTAL	30022.3	ug/kg		

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by: DC
Date: 11/30/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	Cindy Gray	Date:	2-Dec-96
Company:	On Site Technologies, Ltd. c/o Conoco	COC No.:	6217
Address:	612 E. Murray Drive	Sample No.	13056
City, State:	Farmington, NM 87401	Job No.	4-1325

Project Name:	Farmington B Com 1 - Old Dehy Pit				
Project Location:	Point L3; @ Fiberglass Pit @ 4.5-5'				
Sampled by:	CG	Date:	26-Nov-96	Time:	11:30
Analyzed by:	DC/HR	Date:	2-Dec-96		
Sample Matrix:	Soil				

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	3544.7	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	593.6	mg/kg	5.0	mg/kg
TOTAL	4138.3	mg/kg		

Quality Assurance Report

GRO QC No.: 0480-STD

DRO QC No.: 0512-STD

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,801	1,850	2.7	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	100	0.3	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	98	94	(70-130)	3	20%
Diesel Range (C10-C28)	117	110	(70-130)	4	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by:

Date: 12/2/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	30-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	*COC No.:*	*6217*
Address:	*612 E. Murray Drive*	*Sample No.*	*13056*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1 Clean-up***				
Project Location:	***Point L3; @ Fiberglass Pit @ 4.5-5'***				
Sampled by:	CG	Date:	26-Nov-96	Time:	11:30
Analyzed by:	DC	Date:	27-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Component	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	13780.5	ug/kg	0.2	ug/kg
Toluene	69607.5	ug/kg	0.2	ug/kg
Ethylbenzene	33855.5	ug/kg	0.2	ug/kg
m,p-Xylene	266966.2	ug/kg	0.2	ug/kg
o-Xylene	14871.2	ug/kg	0.2	ug/kg
TOTAL	399081.0	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by: Dan C
Date: 11/30/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	*Cindy Gray*	Date:	2-Dec-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6217*
Address:	*612 E. Murray Drive*	*Sample No.*	*13057*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Farmington B Com 1 - Old Dehy Pit***				
Project Location:	***Point L4; NW Corner of Excavation @ 5'***				
Sampled by:	CG	Date:	26-Nov-96	Time:	13:30
Analyzed by:	DC/HR	Date:	2-Dec-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Gasoline Range Organics (C5 - C9)	956.9	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	159.5	mg/kg	5.0	mg/kg
TOTAL	1116.4	mg/kg		

Quality Assurance Report

GRO QC No.: *0480-STD*
DRO QC No.: *0512-STD*

Calibration Check

Parameter	*Method Blank*	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Gasoline Range (C5 - C9)	<50	ppb	1,801	1,850	2.7	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	100	0.3	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Gasoline Range (C5-C9)	98	94	(70-130)	3	20%
Diesel Range (C10-C28)	117	110	(70-130)	4	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 12/2/96

ON SITE TECHNOLOGIES, LTD.

OFF: (505) 325-5667 LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	30-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	*COC No.:*	*6217*
Address:	*612 E. Murray Drive*	*Sample No.*	*13057*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1 Clean-up***				
Project Location:	***Point L4; NW Corner of Excavation @ 5'***				
Sampled by:	CG	Date:	26-Nov-96	Time:	13:30
Analyzed by:	DC	Date:	27-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Component	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	2196.7	ug/kg	0.2	ug/kg
Toluene	34252.0	ug/kg	0.2	ug/kg
Ethylbenzene	5893.5	ug/kg	0.2	ug/kg
m,p-Xylene	24245.8	ug/kg	0.2	ug/kg
o-Xylene	11548.2	ug/kg	0.2	ug/kg
TOTAL	78136.3	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/30/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	*Cindy Gray*	Date:	2-Dec-96
Company:	*On Site Technologies, Ltd. c/o Conoco*	*COC No.:*	*6217*
Address:	*612 E. Murray Drive*	*Sample No.*	*13058*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Farmington B Com 1 - Old Dehy Pit***				
Project Location:	***Point L5; NE Corner of Excavation @ 5' near pipeline/meter run***				
Sampled by:	CG	Date:	26-Nov-96	Time:	14:15
Analyzed by:	DC/HR	Date:	2-Dec-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Gasoline Range Organics (C5 - C9)	825.8	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	130.5	mg/kg	5.0	mg/kg
TOTAL	956.3	mg/kg		

Quality Assurance Report

GRO QC No.: *0480-STD*
DRO QC No.: *0512-STD*

Calibration Check

Parameter	*Method Blank*	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Gasoline Range (C5 - C9)	<50	ppb	1,801	1,850	2.7	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	100	0.3	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Gasoline Range (C5-C9)	98	94	(70-130)	3	20%
Diesel Range (C10-C28)	117	110	(70-130)	4	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 12/2/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn:	*Cindy Gray*	Date:	30-Nov-96
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	*COC No.:*	*6217*
Address:	*612 E. Murray Drive*	*Sample No.*	*13058*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1325*

Project Name:	***Conoco - Farmington B Com 1 Clean-up***				
Project Location:	***Point L5; NE Corner of Excavation @ 5' near pipeline/meter run***				
Sampled by:	CG	Date:	26-Nov-96	Time:	14:15
Analyzed by:	DC	Date:	27-Nov-96		
Sample Matrix:	*Soil*				

Laboratory Analysis

Component	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	6320.6	ug/kg	0.2	ug/kg
Toluene	19700.0	ug/kg	0.2	ug/kg
Ethylbenzene	7339.2	ug/kg	0.2	ug/kg
m,p-Xylene	62963.9	ug/kg	0.2	ug/kg
o-Xylene	5311.3	ug/kg	0.2	ug/kg
TOTAL	101635.0	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 11/30/96

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 21-Nov-96

Internal QC No.: 0515-QC
Surrogate QC No.: 0516-QC
Reference Standard QC No.: 0417-QC

Method Blank

Analyte	*Result*	*Units of Measure*
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Analyte	*Units of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Benzene	ppb	20.0	19.6	2	15%
Toluene	ppb	20.0	20.4	2	15%
Ethylbenzene	ppb	20.0	21.1	6	15%
m,p-Xylene	ppb	40.0	41.4	3	15%
o-Xylene	ppb	20.0	20.7	3	15%

Matrix Spike

Analyte	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Benzene	96	98	(39-150)	1	20%
Toluene	94	93	(46-148)	0	20%
Ethylbenzene	90	87	(32-160)	3	20%
m,p-Xylene	86	82	(35-145)	3	20%
o-Xylene	87	82	(35-145)	4	20%

Surrogate Recoveries

Laboratory Identification	*S1 Percent Recovered*	*S2 Percent Recovered*
Limit Percent Recovery	(70-130)	
12935-6203	92	
12935-6203	94	

S1: Flourobenzene

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 21-Nov-96

Internal QC No.: 0515-QC
Surrogate QC No.: 0516-QC
Reference Standard QC No.: 0417-QC

Method Blank

Analyte	Result	Units of Measure
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Analyte	Units of Measure	True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20.0	19.6	2	15%
Toluene	ppb	20.0	20.4	2	15%
Ethylbenzene	ppb	20.0	21.1	6	15%
m,p-Xylene	ppb	40.0	41.4	3	15%
o-Xylene	ppb	20.0	20.7	3	15%

Matrix Spike

Analyte	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	96	98	(39-150)	1	20%
Toluene	94	93	(46-148)	0	20%
Ethylbenzene	90	87	(32-160)	3	20%
m,p-Xylene	86	82	(35-145)	3	20%
o-Xylene	87	82	(35-145)	4	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered	Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered
Limit Percent Recovery	(70-130)		Limit Percent Recovery	(70-130)	
S1: Flourobenzene			S1: Flourobenzene		
12950-6206	73				
12951-6206	96				

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 21-Nov-96

Internal QC No.: 0515-QC
Surrogate QC No.: 0516-QC
Reference Standard QC No.: 0417-QC

Method Blank

Analyte	Result	Units of Measure
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Analyte	Units of Measure	True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20.0	19.6	2	15%
Toluene	ppb	20.0	20.4	2	15%
Ethylbenzene	ppb	20.0	21.1	6	15%
m,p-Xylene	ppb	40.0	41.4	3	15%
o-Xylene	ppb	20.0	20.7	3	15%

Matrix Spike

Analyte	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	69	73	(39-150)	4	20%
Toluene	55	60	(46-148)	6	20%
Ethylbenzene	52	58	(32-160)	8	20%
m,p-Xylene	48	55	(35-145)	10	20%
o-Xylene	46	55	(35-145)	13	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered	Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered
Limit Percent Recovery	(70-130)		Limit Percent Recovery	(70-130)	
S1: Flourobenzene			S1: Flourobenzene		
12952-6206	96				
12953-6206	84				

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 23-Nov-96

Internal QC No.: 0515-QC
Surrogate QC No.: 0516-QC
Reference Standard QC No.: 0417-QC

Method Blank

Analyte	*Result*	*Units of Measure*
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Analyte	*Units of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Benzene	ppb	20.0	17.7	11	15%
Toluene	ppb	20.0	18.8	6	15%
Ethylbenzene	ppb	20.0	21.1	6	15%
m,p-Xylene	ppb	40.0	45.8	15	15%
o-Xylene	ppb	20.0	22.0	10	15%

Matrix Spike

Analyte	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Benzene	69	73	(39-150)	4	20%
Toluene	55	60	(46-148)	6	20%
Ethylbenzene	52	58	(32-160)	8	20%
m,p-Xylene	48	55	(35-145)	10	20%
o-Xylene	46	55	(35-145)	13	20%

Surrogate Recoveries

Laboratory Identification	*S1 Percent Recovered*	*S2 Percent Recovered*	*Laboratory Identification*	*S1 Percent Recovered*	*S2 Percent Recovered*
Limit Percent Recovery	(70-130)		*Limit Percent Recovery*	(70-130)	
S1: Flourobenzene			*S1: Flourobenzene*		
13006-6211	94				
13007-6211	95				
13008-6211	90				
13009-6211	95				

DE

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 24-Nov-96

Internal QC No.: 0515-QC
Surrogate QC No.: 0516-QC
Reference Standard QC No.: 0417-QC

Method Blank

Analyte	*Result*	*Units of Measure*
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Analyte	*Units of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Benzene	ppb	20.0	18.8	6	15%
Toluene	ppb	20.0	19.6	2	15%
Ethylbenzene	ppb	20.0	20.0	0	15%
m,p-Xylene	ppb	40.0	39.8	1	15%
o-Xylene	ppb	20.0	19.8	1	15%

Matrix Spike

Analyte	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Benzene	100	101	(39-150)	0	20%
Toluene	104	106	(46-148)	1	20%
Ethylbenzene	107	106	(32-160)	0	20%
m,p-Xylene	115	112	(35-145)	2	20%
o-Xylene	108	107	(35-145)	1	20%

Surrogate Recoveries

Laboratory Identification	*S1 Percent Recovered*	*S2 Percent Recovered*	*Laboratory Identification*	*S1 Percent Recovered*	*S2 Percent Recovered*
Limit Percent Recovery	(70-130)		*Limit Percent Recovery*	(70-130)	
S1: Flourobenzene			*S1: Flourobenzene*		
13023-6212	95				
13024-6212	90				
13025-6212	105				
13027-6212	93				

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 27-Nov-96

Internal QC No.: 0515-QC
Surrogate QC No.: 0516-QC
Reference Standard QC No.: 0417-QC

Method Blank

Analyte	Result	Units of Measure
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Analyte	Units of Measure	True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20.0	19.2	4	15%
Toluene	ppb	20.0	22.1	11	15%
Ethylbenzene	ppb	20.0	20.6	3	15%
m,p-Xylene	ppb	40.0	40.8	2	15%
o-Xylene	ppb	20.0	20.9	5	15%

Matrix Spike

Analyte	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	95	94	(39-150)	0	20%
Toluene	99	98	(46-148)	1	20%
Ethylbenzene	94	94	(32-160)	0	20%
m,p-Xylene	89	80	(35-145)	5	20%
o-Xylene	89	89	(35-145)	1	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered	Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered
Limit Percent Recovery	(70-130)		Limit Percent Recovery	(70-130)	
S1: Flourobenzene			S1: Flourobenzene		
13026-6212	89				

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 24-Nov-96

Internal QC No.: 0515-QC
Surrogate QC No.: 0516-QC
Reference Standard QC No.: 0417-QC

Method Blank

Analyte	*Result*	*Units of Measure*
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Analyte	*Units of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Benzene	ppb	20.0	18.8	6	15%
Toluene	ppb	20.0	19.6	2	15%
Ethylbenzene	ppb	20.0	20.0	0	15%
m,p-Xylene	ppb	40.0	39.8	1	15%
o-Xylene	ppb	20.0	19.8	1	15%

Matrix Spike

Analyte	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Benzene	95	94	(39-150)	0	20%
Toluene	99	98	(46-148)	1	20%
Ethylbenzene	94	94	(32-160)	0	20%
m,p-Xylene	89	80	(35-145)	5	20%
o-Xylene	89	89	(35-145)	1	20%

Surrogate Recoveries

Laboratory Identification	*S1 Percent Recovered*	*S2 Percent Recovered*	*Laboratory Identification*	*S1 Percent Recovered*	*S2 Percent Recovered*
Limit Percent Recovery	(70-130)		*Limit Percent Recovery*	(70-130)	
S1: Flourobenzene			*S1: Flourobenzene*		
13028-6213	81				

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 27-Nov-96

Internal QC No.: 0515-QC
Surrogate QC No.: 0516-QC
Reference Standard QC No.: 0417-QC

Method Blank

Analyte	Result	Units of Measure
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Analyte	Units of Measure	True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20.0	19.2	4	15%
Toluene	ppb	20.0	22.1	11	15%
Ethylbenzene	ppb	20.0	20.6	3	15%
m,p-Xylene	ppb	40.0	40.8	2	15%
o-Xylene	ppb	20.0	20.9	5	15%

Matrix Spike

Analyte	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	95	94	(39-150)	0	20%
Toluene	99	98	(46-148)	1	20%
Ethylbenzene	94	94	(32-160)	0	20%
m,p-Xylene	89	80	(35-145)	5	20%
o-Xylene	89	89	(35-145)	1	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered	Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered
Limit Percent Recovery	(70-130)		Limit Percent Recovery	(70-130)	
S1: Flourobenzene			S1: Flourobenzene		
13029-6213	84				

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 27-Nov-96

Internal QC No.: 0515-QC
Surrogate QC No.: 0516-QC
Reference Standard QC No.: 0417-QC

Method Blank

Analyte	Result	Units of Measure
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Analyte	Units of Measure	True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20.0	19.2	4	15%
Toluene	ppb	20.0	22.1	11	15%
Ethylbenzene	ppb	20.0	20.6	3	15%
m,p-Xylene	ppb	40.0	40.8	2	15%
o-Xylene	ppb	20.0	20.9	5	15%

Matrix Spike

Analyte	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	101	104	(39-150)	2	20%
Toluene	80	82	(46-148)	2	20%
Ethylbenzene	57	53	(32-160)	5	20%
m,p-Xylene	50	46	(35-145)	6	20%
o-Xylene	51	50	(35-145)	1	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered
Limit Percent Recovery	(70-130)	
13055-6217	92	
13056-6217	88	
13057-6217	91	
13058-6217	91	

S1: Flourobenzene

CHAIN OF CUSTODY RECORD

6203

ON SITE TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 11-19-96

Page 1 of 1

Purchase Order No.: | Job No. 4-1325

SEND INVOICE TO
Name: Cindy Gray
Company: Conoco, Inc. | Dept.
Address:
City, State, Zip:

REPORT RESULTS TO
Name: Cindy Gray | Title:
Company: Conoco, Inc.
Mailing Address:
City, State, Zip:
Telephone No. | Telefax No.

Sampling Location: Conoco Farmington B Com 1 Cleanup

Sampler: CA Slusher Gray

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	8015M	8020	LAB ID
Sample Point S2 @ 4.5' bsg	11-19	10:15	Soil	Cool	1	✓	✓	This one is "hot."
Sample Point S3 @ 6.5' bsg	11-19	1300	Soil	Cool	1	✓	✓	

ANALYSIS REQUESTED

Relinquished by:	Date/Time 11-20-96 0740	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: _____ Date 11-20-96
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

Distribution: White – On Site Yellow – LAB Pink – Sampler Goldenrod – Client

ON SITE TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

CHAIN OF CUSTODY RECORD

6206

Date: 11-20-96

Page 1 of 1

Purchase Order No.:	Job No. 4-1325		
SEND INVOICE TO: Name	Cindy Gray	REPORT RESULTS TO: Name	Cindy Gray / Title
Company	Conoco, Inc. / Dept.	Company	Conoco Inc.
Address		Mailing Address	
City, State, Zip		City, State, Zip	
		Telephone No. / Telefax No.	
Sampling Location:	Farmington B Com 1		
Sampler:	C. A. Sluyter-Gray		

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	8015	8020	LAB ID
Sample 4 @ 6.5' (bottom)	11-20		Soil	Cool	1	✓	✓	17150-67cl
Sample 5 @ 5.5' (E. sidewall)	11-20		"	Cool	1	✓	✓	17151
Sample 6 @ 6.5' (NE sidewall)	"		"	"	1	✓	✓	17152
Sample 7 @ 4.0' (NW sidewall)	"		"	"	1	✓	✓	17153

ANALYSIS REQUESTED

Relinquished by:	Date/Time 11209616 50	Received by:	Date/Time 11/h/96 1650
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: _____ Date 11-20-96
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

Distribution: White – On Site Yellow – LAB Pink – Sampler Goldenrod – Client

CHAIN OF CUSTODY RECORD

6211

ON SITE TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 11-22-96

Page 1 of 1

Purchase Order No.: | Job No. 4-1325

SEND INVOICE TO
Name: Cindy Gray
Company: Conoco | Dept.
Address:
City, State, Zip:

REPORT RESULTS TO
Name | Title
Company: Cindy Gray Conoco
Mailing Address:
City, State, Zip:
Telephone No. | Telefax No.

Sampling Location: Farmington B Com 1

Sampler: C A Slyter - Gray

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	8015 M	8020	LAB ID
Sample 11 SE. Sidewall @ 4-5'	11-21		Soil		1	✓	✓	
Sample 12 West End	11-21		Soil		1	✓	✓	
Grab 2 Under fence adjacent to Production Tank @ 4'	11-21		Soil		1	✓	✓	
Grab 3 Under access road NE @ 3.5'	11-21		Soil		1	✓	✓	

ANALYSIS REQUESTED

	Date/Time		Date/Time
Relinquished by: C A Slyter - Gray	11-22-96 0730	Received by:	
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: C A Slyter - Gray Date 11-22-96
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

Distribution: White – On Site Yellow – LAB Pink – Sampler Goldenrod – Client

CHAIN OF CUSTODY RECORD

6212

ON SITE TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 11-22-96

Page 1 of 1

Purchase Order No.:	Job No. 4-1325		
SEND INVOICE TO: Name	Cindy Gray	REPORT RESULTS TO: Name	Same / Title
Company	Conoco, Inc. / Dept.	Company	
Address		Mailing Address	
City, State, Zip		City, State, Zip	
		Telephone No.	Telefax No.
Sampling Location:	Farmington B Com 1		
Sampler:	C A Slyter-Gray		

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	8015M	8020	LAB ID
G4 South Fence Post @ 4.5' bag	11-22		Soil	Cool	1	✓	✓	13023-C712
G5 Sidewall @ South Rd. @ 4.5'	"		"	"	1	✓	✓	13024-C712
G6 Sidewall under North Rd. @ 4'-5'	"		"	"	1	✓	✓	13025-C712 Custom hot
G7 Sidewall @ South Rd. @ 4'-5'	"		"	"	1	✓	✓	13026-C712
G8 Sidewall @ North Rd. @ 4'-5'	"		"	"	1	✓	✓	13027-C712

Relinquished by: C A Slyter-Gray	Date/Time 11-22 1615	Received by:	Date/Time 11/22/96 1615
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: C A Slyter-Gray (Client Signature Must Accompany Request) Date 11-22-96

Rush	24-48 Hours	10 Working Days	Special Instructions:

Distribution: White – On Site Yellow – Sampler Pink – Sampler Goldenrod – Client

CHAIN OF CUSTODY RECORD

6213

ON SITE TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 11-23-96

Page 1 of 1

Purchase Order No.: | Job No. 41-1325

SEND INVOICE TO
Name: Cindy Gray
Company: Conoco, Inc. | Dept.
Address:
City, State, Zip:

REPORT RESULTS TO
Name | Title
Company: Same
Mailing Address:
City, State, Zip:
Telephone No. | Telefax No.

Sampling Location: Farmington B Com 1

Sampler: CA Sluyter-Ay

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	8015 M	8020	LAB ID
G9 North Road Western @ 5'	11-23	0945	Soil	Cool	1	✓	✓	13716-017
G10 Roads intersection @ 4.5-5'	11-23	1045	Soil	Cool	1	✓	✓	13716-018

ANALYSIS REQUESTED

Relinquished by: CA Sluyter-Ay	Date/Time 11-23-96 1115	Received by:	Date/Time 11/23/96 1115
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: CA Sluyter-Ay Date 11-23-96
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

Distribution: White – On Site Yellow – Pink – Sampler Goldenrod – Client

CHAIN OF CUSTODY RECORD

6217

ON SITE TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 11-26-96

Page 1 of 1

Purchase Order No.: | Job No. 4-1325

SEND INVOICE TO
Name: Cindy Gray
Company: Conoco, Inc | Dept.
Address:
City, State, Zip:

REPORT RESULTS TO
Name: Cindy Gray | Title:
Company: Conoco, Inc
Mailing Address:
City, State, Zip:
Telephone No. | Telefax No.

Sampling Location: Farmington B Com 1 - Old dehy pit

Sampler: CA Slyter-Gray

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	8015 M	8020	LAB ID
Point L2 - SE Corner SE of T12 @ 4.5'	11-26	1030	Soil	Cool	1	✓	✓	13655-6717
Point L3 - at tiebreaker pit @ 4.5'-5'	11-26	1130	Soil	Cool	1	✓	✓	13656
Point L4 - NW Corner of excavation @ 5'	11-26	1330	Soil	Cool	1	✓	✓	13657
Point L5 - NE Corner of excavation @ 5' near pipeline/meter run	11-26	1415	Soil	Cool	1	✓	✓	13658

ANALYSIS REQUESTED

Relinquished by: CA Slyter-Gray | Date/Time 11-26-96 1615 | Received by: Bill Winn | Date/Time 11/26/96 16:15
Relinquished by: | Date/Time | Received by: | Date/Time
Relinquished by: | Date/Time | Received by: | Date/Time

Method of Shipment:

Authorized by: CA Slyter-Gray (Client Signature Must Accompany Request) Date 11-26-96

Rush | 24-48 Hours | 10 Working Days | Special Instructions:

Distribution: White – On Site Yellow – Pink – Sampler Goldenrod – Client

Appendix Four

Supplemental Investigations Documentation and Revised Site Sketch

CONOCO, INC. FARMINGTON B COM. #1 SAN JUAN CO., NM	SITE SKETCH	ON SITE TECHNOLOGIES, LTD. P.O. BOX 2606, FARMINGTON, NM 87499 (505) 325-3667
PROJECT: FOLLOWUP ASSESSMENT	DRWN: NOV. 6, 1996	
PROJECT NO: 4-1325	DRWN BY: MKL	
SHEET: 1	REVISED: APR. 1, 1997	

APPROXIMATE SCALE
1" = 40'

A# — Approximate location of Test Holes drilled during soil remediation 11/6/96.

TH # — Approximate location of Test Holes drilled during supplemental assessment 3/18/97.

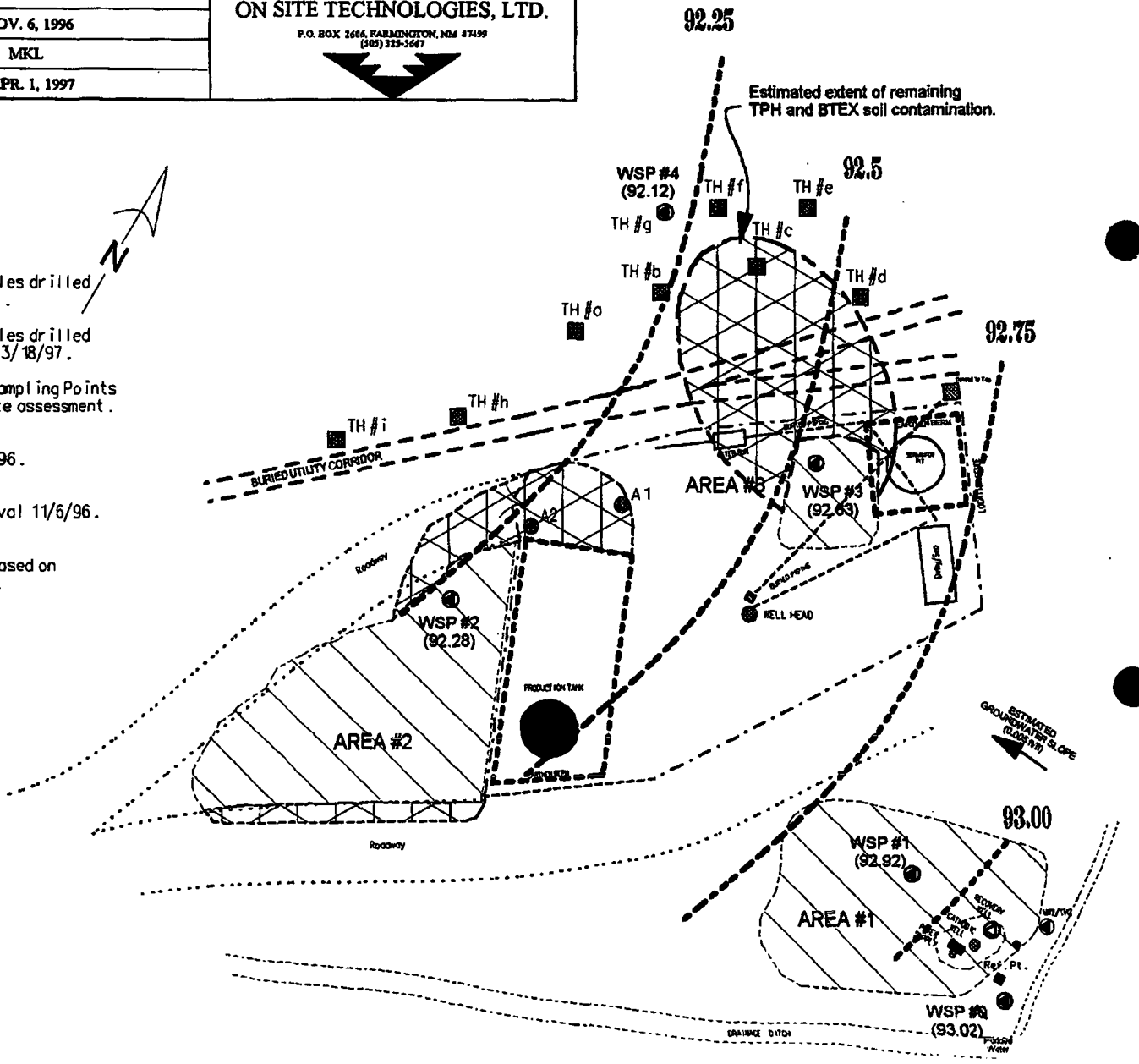
WSP # — Approximate location of Water Sampling Points set during various phases of site assessment.

Product Recovery Well set 11/1/96.

Areas of contaminated soil removal 11/6/96.

Ground Water surface contours based on water levels measured (4/2/97).

Estimated extent of remaining TPH & BTEX soil contamination.



Project 4-1325
April 1,1997

FARMINGTON B COM 1 SUPPLEMENTAL INVESTIGATIONS
CONOCO, INC.
SOILS FIELD AND LABORATORY TEST RESULTS SUMMARY

SAMPLE ID & LOCATION	DEPTH	PID units	EPA 8015M TPH (ppm)	Benzene (ppm)	Total BTEX (ppm)	REMARKS
1/22/97 Test Pit outside North Fence @ Pipeline	6.0-6.5'	N/A	1805.6	0.839	202.4	Grab soils taken during Richardson's pipeline tie-in
1/29/97 TH A-1 Center drive area	5'	N/A	132.3	0.023	1.39	Location selected by Mr. Foust, NMOCD
1/29/97 TH A-2 North Tank Berm	5'	N/A	2912.4	No sample	210.6	Location selected by Mr. Foust, NMOCD
3/13/97 T_A 25' NW of N Fence	4-4.5'	1.5	No sample	No sample	No sample	
3/13/97 T_B 25' N of N Fence	3-4'	1.1	21.5	Not analyzed	Not analyzed	
3/13/97 T_B 25' N of N Fence	5-6'	0.5	No sample	No sample	No sample	
3/13/97 T_C 45' N of N Fence	3'	0.4	No sample	No sample	No sample	
3/13/97 T_C 45' N of N Fence	4.5'	594	184.8	0.053	3.76	
3/13/97 T_D 30' NE of N Fence	3'	0.7	No sample	No sample	No sample	
3/13/97 T_D 30' NE of N Fence	5'	0.7	No sample	No sample	No sample	
3/13/97 T_E 25' NW of N Fence	3'	1.2	N/A	N/A	N/A	
3/13/97 T_E 25' NW of N Fence	5'	1.1	N/A	N/A	N/A	
3/13/97 T_F 65' N of N Fence	3-8'	ND	No sample	No sample	No sample	
3/13/97 T_G 50' N of N Fence	3'	ND	No sample	No sample	No sample	Converted to WSP #4
3/13/97 T_G 50' N of N Fence	6'	ND	No sample	No sample	No sample	Converted to WSP #4
3/13/97 T_H 10' NW of Gate	4-5'	ND	No sample	No sample	No sample	Per NMOCD request
3/13/97 T_I 5' NNW of Road	5'	0.4	<5.0	N/A	N/A	Per NMOCD request
NMOCD Action Levels (2/93)		**100**	**100**	**10**	**50**	

Notes: (1) PID readings corrected for Benzene Response Factor of 0.56.

Project 4-1325
April 1,1997

FARMINGTON B COM 1 SUPPLEMENTAL INVESTIGATIONS
CONOCO, INC.
GROUND WATER LABORATORY TEST RESULTS SUMMARY
EPA Method 8020 (ppb or µg/L)

SAMPLE ID & LOCATION	Water Elev.	Benzene	Toluene	Ethyl-benzene	Total Xylene	Total BTEX	REMARKS
1/30/97 WSP #2		22.5	23.0	23.7	108.0	177.2	
1/30/97 WSP #3		506.8	22.0	67.8	607.1	1203.8	
3/13/97 T_C 45' N of N Fence		0.3	56.9	7.3	193.0	257.4	Grab only, not developed as WSP
3/18/97 WSP #0	93.02	0.3	<0.2	<0.2	0.5	0.7	Up gradient "clean"
3/18/97 WSP #1	92.92	557.1	146.3	555.1	3573.2	4830.6	Area 1 excavation
3/18/97 WSP #2	92.28	25.8	13.4	11.8	53.8	105.0	Area 2 excavation
3/18/97 WSP #3	92.63	35.8	1.9	1.1	7.2	45.9	Area 3 excavation
3/18/97 WSP #4	92.12	<0.2	271.	<0.2	1.0	28.1	Down gradient
NMOCD Action Levels (11/18/93)		**10**	**750**	**750**	**620**		

Notes: (1) Water elevations measured 4/2/97.

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Cindy Gray*	Date:	28-Jan-97
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	COC No.:	*6274*
Address:	*612 E. Murray Drive*	Sample No.:	*13455*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***			
Project Location:	***Test Pit; Outside N. Fence @ 6'-7'***			
Sampled by:	CG	Date:	22-Jan-97 Time:	15:00
Analyzed by:	DC	Date:	28-Jan-97	
Sample Matrix:	*Soil*			

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Gasoline Range Organics (C5 - C9)	1548.4	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	257.2	mg/kg	5.0	mg/kg
TOTAL	1805.6	mg/kg		

Quality Assurance Report

GRO QC No.: *0480-STD*
DRO QC No.: *0512-STD*

Calibration Check

Parameter	*Method Blank*	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Gasoline Range (C5 - C9)	<50	ppb	1,351	1,350	0.1	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	105	5.0	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Gasoline Range (C5-C9)	98	94	(70-130)	3	20%
Diesel Range (C10-C28)	105	105	(70-130)	0	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by: DF
Date: 1/28/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Cindy Gray*	Date:	27-Jan-97
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	COC No.:	*6274*
Address:	*612 E. Murray Drive*	Sample No.:	*13455*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Test Pit; Outside N. Fence @ 6'-7'***				
Sampled by:	CG	Date:	22-Jan-97	Time:	15:00
Analyzed by:	DC	Date:	24-Jan-97		
Sample Matrix:	*Soil*				

Laboratory Analysis

Component	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	838.6	ug/kg	0.2	ug/kg
Toluene	38913.8	ug/kg	0.2	ug/kg
Ethylbenzene	14367.2	ug/kg	0.2	ug/kg
m,p-Xylene	138094.8	ug/kg	0.2	ug/kg
o-Xylene	10142.7	ug/kg	0.2	ug/kg
TOTAL	202357.0	ug/kg		

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by: DaG
Date: 1/27/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Cindy Gray*	Date:	4-Feb-97
Company:	*On Site Technologies, Ltd. c/o Conoco*	COC No.:	*6285*
Address:	*612 E. Murray Drive*	Sample No.:	*13537*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Test Hole A-1 @ 5'***				
Sampled by:	CG	Date:	29-Jan-97	Time:	11:00
Analyzed by:	DC	Date:	3-Feb-97		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Gasoline Range Organics (C5 - C9)	44.2	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	88.1	mg/kg	5.0	mg/kg
TOTAL	132.3	mg/kg		

Quality Assurance Report

GRO QC No.: *0480-STD*
DRO QC No.: *0512-STD*

Calibration Check

Parameter	*Method Blank*	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Gasoline Range (C5 - C9)	<50	ppb	1,351	1,385	2.5	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	110	9.6	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Gasoline Range (C5-C9)	84	78	(70-130)	5	20%
Diesel Range (C10-C28)	105	105	(70-130)	0	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 2/4/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Cindy Gray*	Date:	3-Feb-97
Company:	*On Site Technologies, Ltd. c/o Conoco*	COC No.:	*6285*
Address:	*612 E. Murray Drive*	Sample No.:	*13537*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Test Hole A-1 @ 5'***				
Sampled by:	CG	Date:	29-Jan-97	Time:	11:00
Analyzed by:	DC	Date:	31-Jan-97		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	22.8	ug/kg	0.2	ug/kg
Toluene	423.7	ug/kg	0.2	ug/kg
Ethylbenzene	63.3	ug/kg	0.2	ug/kg
m,p-Xylene	863.7	ug/kg	0.2	ug/kg
o-Xylene	14.2	ug/kg	0.2	ug/kg
TOTAL	1387.7	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 2/3/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Cindy Gray*	Date:	4-Feb-97
Company:	*On Site Technologies, Ltd. c/o Conoco*	COC No.:	*6285*
Address:	*612 E. Murray Drive*	Sample No.:	*13538*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Test Hole A-2 @ 5'***				
Sampled by:	CG	Date:	29-Jan-97	Time:	11:30
Analyzed by:	DC	Date:	3-Feb-97		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Gasoline Range Organics (C5 - C9)	2353.2	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	559.2	mg/kg	5.0	mg/kg
TOTAL	2912.4	mg/kg		

Quality Assurance Report

GRO QC No.: *0480-STD*
DRO QC No.: *0512-STD*

Calibration Check

Parameter	*Method Blank*	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Gasoline Range (C5 - C9)	<50	ppb	1,351	1,385	2.5	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	110	9.6	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Gasoline Range (C5-C9)	84	78	(70-130)	5	20%
Diesel Range (C10-C28)	105	105	(70-130)	0	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 2/4/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Cindy Gray*	Date:	3-Feb-97
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	COC No.:	*6285*
Address:	*612 E. Murray Drive*	Sample No.:	*13538*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Test Hole A-2 @ 5'***				
Sampled by:	CG	Date:	29-Jan-97	Time:	11:30
Analyzed by:	DC	Date:	24-Jan-97		
Sample Matrix:	*Soil*				

Laboratory Analysis

Component	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	5209.0	ug/kg	0.2	ug/kg
Toluene	73124.9	ug/kg	0.2	ug/kg
Ethylbenzene	26882.2	ug/kg	0.2	ug/kg
m,p-Xylene	99582.3	ug/kg	0.2	ug/kg
o-Xylene	5778.0	ug/kg	0.2	ug/kg
TOTAL	210576.5	ug/kg		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:
Date: 2/3/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Michael Lane*	Date:	20-Mar-97
Company:	*On Site Technologies, Ltd. c/o Conoco*	COC No.:	*5048*
Address:	*612 E. Murray Drive*	Sample No.:	*13893*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com #1***				
Project Location:	***Test Hole "B"***				
Sampled by:	MKL	Date:	13-Mar-97	Time:	9:45
Analyzed by:	DC/HR	Date:	20-Mar-97		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	Result	Unit of Measure	Method Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	2.4	mg/kg	1.0	mg/kg
Diesel Range Organics (C10 - C28)	19.1	mg/kg	5.0	mg/kg

Quality Assurance Report

GRO QC No.: *0535-STD*
DRO QC No.: *0512-STD*

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Gasoline Range (C5 - C9)	<50	ppb	1,351	1,361	0.7	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	115	13.7	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Gasoline Range (C5-C9)	81	83	(70-130)	2	20%
Diesel Range (C10-C28)	101	101	(70-130)	0	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 3/20/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Michael Lane*	Date:	20-Mar-97
Company:	*On Site Technologies, Ltd. c/o Conoco*	COC No.:	*5048*
Address:	*612 E. Murray Drive*	Sample No.:	*13894*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com #1***				
Project Location:	***Test Hole "C"***				
Sampled by:	MKL	Date:	13-Mar-97	Time:	10:10
Analyzed by:	DC/HR	Date:	20-Mar-97		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	Result	Unit of Measure	Method Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	382	mg/kg	1.0	mg/kg
Diesel Range Organics (C10 - C28)	184.8	mg/kg	5.0	mg/kg

Quality Assurance Report

GRO QC No.: *0535-STD*
DRO QC No.: *0512-STD*

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Gasoline Range (C5 - C9)	<50	ppb	1,351	1,361	0.7	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	115	13.7	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Gasoline Range (C5-C9)	81	83	(70-130)	2	20%
Diesel Range (C10-C28)	101	101	(70-130)	0	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 3/20/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Michael Lane*	Date:	26-Mar-97
Company:	*On Site Technologies, Ltd. c/o Conoco*	COC No.:	*5048*
Address:	*612 E. Murray Drive*	Sample No.:	*13894*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com #1***				
Project Location:	***Test Hole "C"***				
Sampled by:	MKL	Date:	13-Mar-97	Time:	10:10
Analyzed by:	DC	Date:	22-Mar-97		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Units of Measure*	*Detection Limit*	*Units of Measure*
Benzene	53	ug/kg	0.2	ug/kg
Toluene	10880	ug/kg	0.2	ug/kg
Ethylbenzene	2417	ug/kg	0.2	ug/kg
m,p-Xylene	17229	ug/kg	0.2	ug/kg
o-Xylene	7063	ug/kg	0.2	ug/kg
TOTAL	37641	ug/kg		

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by: DaG

Date: 3/26/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Michael Lane*	Date:	20-Mar-97
Company:	*On Site Technologies, Ltd. c/o Conoco*	COC No.:	*5048*
Address:	*612 E. Murray Drive*	Sample No.:	*13895*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com #1***				
Project Location:	***Test Hole "I"***				
Sampled by:	MKL	Date:	13-Mar-97	Time:	12:00
Analyzed by:	DC/HR	Date:	20-Mar-97		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	Result	Unit of Measure	Method Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<1.0	mg/kg	1.0	mg/kg
Diesel Range Organics (C10 - C28)	<5.0	mg/kg	5.0	mg/kg

Quality Assurance Report

GRO QC No.: *0535-STD*
DRO QC No.: *0512-STD*

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Gasoline Range (C5 - C9)	<50	ppb	1,351	1,361	0.7	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	115	13.7	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Gasoline Range (C5-C9)	81	83	(70-130)	2	20%
Diesel Range (C10-C28)	101	101	(70-130)	0	20%

Method *- SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 3/20/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Cindy Gray*	Date:	31-Jan-97
Company:	*On Site Technologies, Ltd. c/o Conoco*	COC No.:	*6286*
Address:	*612 E. Murray Drive*	Sample No.:	*13563*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Water Sampling Point 2***				
Sampled by:	CG	Date:	30-Jan-97	Time:	9:45
Analyzed by:	DC	Date:	30-Jan-97		
Sample Matrix:	*Liquid*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Benzene	22.5	ug/L	0.2	ug/L
Toluene	23.0	ug/L	0.2	ug/L
Ethylbenzene	23.7	ug/L	0.2	ug/L
m,p-Xylene	106.4	ug/L	0.2	ug/L
o-Xylene	1.6	ug/L	0.2	ug/L
TOTAL	177.2	ug/L		

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:

Date: 1/31/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Cindy Gray*	Date:	31-Jan-97
Company:	*On Site Technologies, Ltd. c/o Conoco*	COC No.:	*6286*
Address:	*612 E. Murray Drive*	Sample No.:	*13562*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com 1***				
Project Location:	***Water Sampling Point 3***				
Sampled by:	CG	Date:	30-Jan-97	Time:	9:55
Analyzed by:	DC	Date:	30-Jan-97		
Sample Matrix:	*Liquid*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Benzene	506.8	ug/L	0.2	ug/L
Toluene	22.0	ug/L	0.2	ug/L
Ethylbenzene	67.8	ug/L	0.2	ug/L
m,p-Xylene	604.8	ug/L	0.2	ug/L
o-Xylene	2.3	ug/L	0.2	ug/L
TOTAL	1203.8	ug/L		

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by:

Date: 1/31/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Michael Lane*	Date:	19-Mar-97
Company:	*On Site Technologies, Ltd.*	COC No.:	*5048*
Address:	*612 E. Murray Drive*	Sample No.:	*13896*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com #1***				
Project Location:	***Test Hole "C"***				
Sampled by:	ML	Date:	13-Mar-97	Time:	11:05
Analyzed by:	DC	Date:	18-Mar-97		
Sample Matrix:	*Liquid*				

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Benzene	0.3	ug/L	0.2	ug/L
Toluene	56.9	ug/L	0.2	ug/L
Ethylbenzene	7.3	ug/L	0.2	ug/L
m,p-Xylene	192.6	ug/L	0.2	ug/L
o-Xylene	0.4	ug/L	0.2	ug/L
TOTAL	257.4	ug/L		

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved By:
Date: 3/19/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Michael Lane*	Date:	19-Mar-97
Company:	*On Site Technologies, Ltd.*	COC No.:	*5058*
Address:	*612 E. Murray Drive*	Sample No.:	*13939*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com #1***				
Project Location:	~~UG~~ WSP Ø				
Sampled by:	ML/CG	Date:	18-Mar-97	Time:	11:55
Analyzed by:	DC	Date:	18-Mar-97		
Sample Matrix:	*Liquid*				

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Benzene	0.3	ug/L	0.2	ug/L
Toluene	<0.2	ug/L	0.2	ug/L
Ethylbenzene	<0.2	ug/L	0.2	ug/L
m,p-Xylene	0.5	ug/L	0.2	ug/L
o-Xylene	<0.2	ug/L	0.2	ug/L
TOTAL	0.7	ug/L		

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved By:

Date: 3.19.97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Michael Lane*	Date:	22-Mar-97
Company:	*On Site Technologies, Ltd. c/o Conoco*	COC No.:	*5058*
Address:	*612 E. Murray Drive*	Sample No.:	*13935*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com #1***				
Project Location:	***WSP #1***				
Sampled by:	ML/CG	Date:	18-Mar-97	Time:	11:35
Analyzed by:	DC	Date:	19-Mar-97		
Sample Matrix:	*Liquid*				

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Benzene	557.1	ug/L	0.2	ug/L
Toluene	146.3	ug/L	0.2	ug/L
Ethylbenzene	555.1	ug/L	0.2	ug/L
m,p-Xylene	2722.3	ug/L	0.2	ug/L
o-Xylene	849.8	ug/L	0.2	ug/L
TOTAL	4830.6	ug/L		

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved By:
Date: 3/24/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Michael Lane*	Date:	22-Mar-97
Company:	*On Site Technologies, Ltd. c/o Conoco*	COC No.:	*5058*
Address:	*612 E. Murray Drive*	Sample No.:	*13936*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com #1***				
Project Location:	***WSP #2***				
Sampled by:	ML/CG	Date:	18-Mar-97	Time:	11:50
Analyzed by:	DC	Date:	19-Mar-97		
Sample Matrix:	*Liquid*				

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Benzene	25.8	ug/L	0.2	ug/L
Toluene	13.4	ug/L	0.2	ug/L
Ethylbenzene	11.8	ug/L	0.2	ug/L
m,p-Xylene	51.1	ug/L	0.2	ug/L
o-Xylene	2.7	ug/L	0.2	ug/L
TOTAL	105.0	ug/L		

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved By:
Date: 3/24/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Michael Lane*	Date:	19-Mar-97
Company:	*On Site Technologies, Ltd.*	COC No.:	*5058*
Address:	*612 E. Murray Drive*	Sample No.:	*13937*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com #1***				
Project Location:	***WSP #3***				
Sampled by:	ML/CG	Date:	18-Mar-97	Time:	11:35
Analyzed by:	DC	Date:	18-Mar-97		
Sample Matrix:	*Liquid*				

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Benzene	35.8	ug/L	0.2	ug/L
Toluene	1.9	ug/L	0.2	ug/L
Ethylbenzene	1.1	ug/L	0.2	ug/L
m,p-Xylene	6.8	ug/L	0.2	ug/L
o-Xylene	0.4	ug/L	0.2	ug/L
TOTAL	45.9	ug/L		

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved By:
Date: 3/19/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Michael Lane*	Date:	19-Mar-97
Company:	*On Site Technologies, Ltd.*	COC No.:	*5058*
Address:	*612 E. Murray Drive*	Sample No.:	*13938*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1325*

Project Name:	***Conoco - Farmington B Com #1***				
Project Location:	***WSP #4***				
Sampled by:	ML/CG	Date:	18-Mar-97	Time:	11:45
Analyzed by:	DC	Date:	18-Mar-97		
Sample Matrix:	*Liquid*				

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Benzene	<0.2	ug/L	0.2	ug/L
Toluene	27.1	ug/L	0.2	ug/L
Ethylbenzene	<0.2	ug/L	0.2	ug/L
m,p-Xylene	0.7	ug/L	0.2	ug/L
o-Xylene	0.3	ug/L	0.2	ug/L
TOTAL	28.1	ug/L		

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved By:
Date: 3/19/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 24-Jan-97

Internal QC No.: *0527-STD*
Surrogate QC No.: *0528-STD*
Reference Standard QC No.: *0417-QC*

Method Blank

Analyte	*Result*	*Units of Measure*
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Analyte	*Units of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Benzene	ppb	20.0	18.7	7	15%
Toluene	ppb	20.0	19.1	4	15%
Ethylbenzene	ppb	20.0	19.5	2	15%
m,p-Xylene	ppb	40.0	38.3	4	15%
o-Xylene	ppb	20.0	19.4	3	15%

Matrix Spike

Analyte	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Benzene	98	93	(39-150)	4	20%
Toluene	103	98	(46-148)	4	20%
Ethylbenzene	105	100	(32-160)	4	20%
m,p-Xylene	103	97	(35-145)	4	20%
o-Xylene	104	99	(35-145)	3	20%

Surrogate Recoveries

Laboratory Identification	*S1 Percent Recovered*	*S2 Percent Recovered*
Limit Percent Recovery	(70-130)	
13455-6274	91	

S1: Flourobenzene

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 31-Jan-97

Internal QC No.: 0527-STD
Surrogate QC No.: 0528-STD
Reference Standard QC No.: 0417-QC

Method Blank

Analyte	Result	Units of Measure
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Analyte	Units of Measure	True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20.0	18.1	10	15%
Toluene	ppb	20.0	18.6	7	15%
Ethylbenzene	ppb	20.0	18.9	5	15%
m,p-Xylene	ppb	40.0	36.8	8	15%
o-Xylene	ppb	20.0	18.9	5	15%

Matrix Spike

Analyte	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	92	90	(39-150)	1	20%
Toluene	95	93	(46-148)	1	20%
Ethylbenzene	97	95	(32-160)	1	20%
m,p-Xylene	94	92	(35-145)	1	20%
o-Xylene	95	94	(35-145)	1	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered	Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered
Limit Percent Recovery	(70-130)		Limit Percent Recovery	(70-130)	
S1: Flourobenzene			S1: Flourobenzene		
13537-6285	97				
13538-6285	92				

(RE)

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 30-Jan-97

Internal QC No.: 0527-STD
Surrogate QC No.: 0528-STD
Reference Standard QC No.: 0417-QC

Method Blank

Parameter	Result	Unit of Measure
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Parameter	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20.0	19.2	4	15%
Toluene	ppb	20.0	19.7	1	15%
Ethylbenzene	ppb	20.0	20.1	1	15%
m,p-Xylene	ppb	40.0	39.2	2	15%
o-Xylene	ppb	20.0	19.8	1	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	92	90	(39-150)	1	20%
Toluene	95	93	(46-148)	1	20%
Ethylbenzene	97	95	(32-160)	1	20%
m,p-Xylene	94	92	(35-145)	1	20%
o-Xylene	95	94	(35-145)	1	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered	Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered
Limit Percent Recovered	(70-130)		Limit Percent Recovered	(70-130)	
13562-6286	96				
13563-6286	98				

S1: Flourobenzene

(DL)

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 18-Mar-97

Internal QC No.: 0527-STD
Surrogate QC No.: 0528-STD
Reference Standard QC No.: 0529/30-QC

Method Blank

Parameter	Result	Unit of Measure
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Parameter	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20.0	19.6	2	15%
Toluene	ppb	20.0	20.2	1	15%
Ethylbenzene	ppb	20.0	20.6	3	15%
m,p-Xylene	ppb	40.0	39.4	1	15%
o-Xylene	ppb	20.0	20.3	1	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	77	91	(39-150)	4	20%
Toluene	94	100	(46-148)	4	20%
Ethylbenzene	94	86	(32-160)	5	20%
m,p-Xylene	82	94	(35-145)	4	20%
o-Xylene	96	101	(35-145)	4	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered	Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered
Limit Percent Recovered	(70-130)		Limit Percent Recovered	(70-130)	
13896-5048	96				

S1: Flourobenzene

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 22-Mar-97

Internal QC No.: 0527-STD
Surrogate QC No.: 0528-STD
Reference Standard QC No.: 0529/30-QC

Method Blank

Analyte	Result	Units of Measure
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Analyte	Units of Measure	True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20.0	20.0	0	15%
Toluene	ppb	20.0	20.8	4	15%
Ethylbenzene	ppb	20.0	21.0	5	15%
m,p-Xylene	ppb	40.0	40.6	2	15%
o-Xylene	ppb	20.0	20.2	1	15%

Matrix Spike

Analyte	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	80	85	(39-150)	4	20%
Toluene	73	72	(46-148)	1	20%
Ethylbenzene	66	66	(32-160)	0	20%
m,p-Xylene	64	66	(35-145)	2	20%
o-Xylene	71	77	(35-145)	5	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered
Limit Percent Recovery	(70-130)	
13894-5048	82	

S1: Flourobenzene

3/26/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 18-Mar-97

Internal QC No.: 0527-STD
Surrogate QC No.: 0528-STD
Reference Standard QC No.: 0529/30-QC

Method Blank

Parameter	Result	Unit of Measure
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Parameter	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20.0	19.5	3	15%
Toluene	ppb	20.0	20.1	0	15%
Ethylbenzene	ppb	20.0	20.5	3	15%
m,p-Xylene	ppb	40.0	39.2	2	15%
o-Xylene	ppb	20.0	20.1	0	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	77	91	(39-150)	4	20%
Toluene	94	100	(46-148)	4	20%
Ethylbenzene	94	86	(32-160)	5	20%
m,p-Xylene	82	94	(35-145)	4	20%
o-Xylene	96	101	(35-145)	4	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered	Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered
Limit Percent Recovered	(70-130)		Limit Percent Recovered	(70-130)	
13937-5058	96				
13938-5058	97				
13939-5058	97				

S1: Flourobenzene

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 19-Mar-97

Internal QC No.: 0527-STD
Surrogate QC No.: 0528-STD
Reference Standard QC No.: 0529/30-QC

Method Blank

Parameter	*Result*	*Unit of Measure*
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Parameter	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Benzene	ppb	20.0	20.0	0	15%
Toluene	ppb	20.0	20.7	3	15%
Ethylbenzene	ppb	20.0	21.2	6	15%
m,p-Xylene	ppb	40.0	40.6	1	15%
o-Xylene	ppb	20.0	20.7	4	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Benzene	93	78	(39-150)	6	20%
Toluene	97	86	(46-148)	7	20%
Ethylbenzene	94	80	(32-160)	6	20%
m,p-Xylene	82	62	(35-145)	6	20%
o-Xylene	87	73	(35-145)	6	20%

Surrogate Recoveries

Laboratory Identification	*S1 Percent Recovered*	*S2 Percent Recovered*	*Laboratory Identification*	*S1 Percent Recovered*	*S2 Percent Recovered*
Limit Percent Recovered	(70-130)		Limit Percent Recovered	(70-130)	
13935-5058	94				
13936-5058	96				

S1: Flourobenzene

CHAIN OF CUSTODY RECORD

6274

ON SITE TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 1-22-97

Page 1 of 1

Purchase Order No.:	Job No. 4-1325		
SEND INVOICE TO: Name	Cindy Gray for	REPORT RESULTS TO: Name	Same / Title
Company	Conoco / Dept.	Company	
Address		Mailing Address	
City, State, Zip		City, State, Zip	
		Telephone No.	Telefax No.
Sampling Location:	Farmington B Com 1		
Sampler:	C. Sluyter-Gray		

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	ANALYSIS REQUESTED: 8020	8015M	LAB ID
Test Pit Outside N. Fence @ 6'-7'	1-22	1500	So.1	4°C	1	✓	✓	13155-6774

Relinquished by:	Date/Time 1-22-97 1530	Received by:	Date/Time 1/22/97 1530
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: _____ Date 1-22-97
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

Distribution: White – On Site Yellow – LAB Pink – Sampler Goldenrod – Client

CHAIN OF CUSTODY RECORD

6285

ON SITE TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 1-29-97

Page 1 of 1

Purchase Order No.:	Job No. 41.1205		
SEND INVOICE TO: Name	Cindy Gray for	REPORT RESULTS TO: Name	Same
Company	Conoco Dept.	Company	
Address		Mailing Address	
City, State, Zip		City, State, Zip	
		Telephone No.	Telefax No.
Sampling Location:	Farmington B Comp 1		
Sampler:	C. Sluyter-Gray		

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	8015 M	8020	LAB ID
Test Hole A-1 @ 5'	1-29	11:00	Soil	Cool	1			
Test Hole A-2 @ 5'	1-29	11:30	Soil	Cool	1			

Relinquished by:	Date/Time 1-29-97 1400	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: _____ Date 1-29-97
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

Distribution: White – On Site Yellow – LAB Pink – Sampler Goldenrod – Client

6-12-03; 1:01PM;On Site Technologies ;1 505 327 1496 # 4/ 7

CHAIN OF CUSTODY RECORD

6286

ON SITE TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 1-30-97

Page 1 of 1

Purchase Order No.:		Job No. 4-1325	
SEND INVOICE TO	Name Cindy Gray for		
	Company Conoco	Dept.	
	Address		
	City, State, Zip		
Sampling Location: Farmington E Com 1			
Sampler: C A Sluyter. Gray			

REPORT RESULTS TO	
Name Same	Title
Company	
Mailing Address	
City, State, Zip	
Telephone No.	Telefax No.

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	ANALYSIS REQUESTED 4020	LAB ID
Water Sampling Point #3	1-30-97	0955	H_2O		2	✓	1-517-(744
Water Sampling Point 2	1-30-97	0945	H_2O		2	✓	1-517-(744

Relinquished by:	Date/Time 1-30 1015	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:	Rush	24-48 Hours	10 Working Days	Special Instructions:
Authorized by: (Client Signature Must Accompany Request) Date 1-30-97				

Distribution: White – On Site Yellow – LAB Pink – Sampler Goldenrod – Client

CHAIN OF CUSTODY RECORD

5048

ON SITE TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 3/14/97 Page 1 of

Purchase Order No.:	Job No. 4-1225		
SEND INVOICE TO: Name	C/o Michael Lane, On Site	REPORT RESULTS TO: Name	Michael Lane / Title Supervisor
Company	Conoco / Dept.	Company	On Site
Address		Mailing Address	
City, State, Zip		City, State, Zip	
		Telephone No.	Telefax No.
Sampling Location:	Farmington E Com #1		
Sampler:	Michael Lane		

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	TPH 418.1	BTEX 8020	LAB ID
Test Hole "E"	3/12	945	Soil	N	1	✓		
Test Hole "C"	3/12	1010	Soil	N	1	✓	✓	
Test Hole "I"	3/12	1100	Soil	N	1	✓		
Test Hole "C"	3/12	1105	Water	HCl	2		✓	

Relinquished by:	Date/Time 3/14/97 1015	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: Date 3/14/97
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

Distribution: White – On Site Yellow – LAB Pink – Sampler Goldenrod – Client

CHAIN OF CUSTODY RECORD

5058

ON SITE TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 3/18/97 Page 1 of

Purchase Order No.:	Job No. 4-1325		
SEND INVOICE TO: Name	Mike Lane - OnSite	REPORT RESULTS TO: Name	Mike Lane / Cindy Glass Title Env. Mgr.
Company	Conoco Dept.	Company	OnSite
Address		Mailing Address	
City, State, Zip		City, State, Zip	
		Telephone No.	Telefax No.
Sampling Location:	Farmington E Con #1		
Sampler:	Mike Lane & Cindy Glass		

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	BTEX 8015	LAB ID
WSF #1	3/10	1125	WTR	N	2	✓	13135-5056
WSP #2		1130			2	✓	13136
WSP #3		1135			2	✓	13137
WSP #4		1145			2	✓	13138
~~D.I~~ WSP Ø		1155			2	✓	13139

Relinquished by:	Date/Time 3/18/97 1330	Received by:	Date/Time 3/18/97 1330
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: Date 3/18/97
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

Distribution: White – On Site Yellow – LAB Pink – Sampler Goldenrod – Client