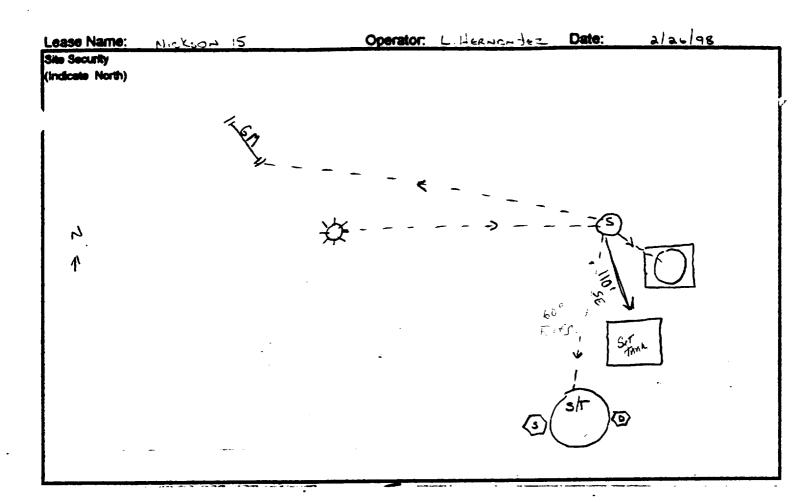
UK.

District I				State Of	New Mexic	co					SUBMIT 1	COP	/ TO		
P.O. Box 1980	), Hobbs, NIV	Λ	Energy, M	linerals and Nat	tural Reso	urces l				~ n r	APPROPR	IATE			
District II	_							旧	G国I	ı Wı	Вараст	OFFI	CE		
P.O. Drawer, A	Artesia, NM {	38211	1	OIL CONSER	RVATION	DIVISI		凹	S in .		ANDUCO	PY TO	)		
District III	_			P.O.	Box 2088	}	III	7	AUG 2	4 19:	MANTA FE	OFF	CE		
1000 Rio Braz	os Rd. Aztec	s, NM	187410	Santa Fe, Ne	w Mexico	87504	-2088	3		vi [	RPM 3	/9/94)	'		
							(	1110	(GO)	ा । ।	BING 3				
		<del></del>	PIT REMED	IATION	AND C	LOS	SUF	(E R	EPOI	<u>ध्व</u> ्				_	
Operator:	Conoco Inc	<u>c.</u>				- Т	Telephone: 505-324-5813								
Address:	3315 Bloor	<u>mfiel</u>	ld Hwy - Farmin	igton, NM 87	401										
Facility Or:	Nickson 15	<u>5</u>													
Well Name	<del></del>														
Location:	Unit or Qtr	·/Qtr	Sec	J	_Sec	<u>23</u> T	•	26N	l R	<u>08W</u>	County	San	Juan		
Pit Type:	Separator		X	Dehydrator		- 0	ther								
Land Type:	BLM _	<u> </u>	State	Fee		_ 0	ther			<u>-</u>				_	
Pit Location: (Attach diagr			Pit dimension:		length	_	21'	_	width	30'	depth		3		
(Access, 2005)	(Attach diagram)		Reference:		wellhead	d _	X		other						
			Footage from refe	erence:			110'								
			Direction from ref	ference:	60	_ D	Degrees		<u> </u>		East of		North		
										-	West	X	South		
Depth To Gro	ound Water	<del></del>				L	ess t	han 5	0 feet	<del></del>	(20 points	s)		$\Box$	
(Vertical dist	ance from					5	0 fee	et to 9	feet		(10 points	s)			
contaminants	s to season	al				G	ireat	er tha	n 100 fe	et	( 0 point	s)			
high water e	levation of														
ground wate	:r)										Total		20	0	
Wellhead Pro	otection Are	ea:				Y	'es	(20 p	oints)						
(Less than 20	00 feet fror	naŗ	orivate			N	ю	( 0 p	oints)						
domestic wa	iter source,	or; le	ess than								Total		0	)	
1000 feet fro	om all other	·wat	er sources)												
Distance To	Surface Wa	iter:							00 feet		(20 points	-	(20 pc	- 1	
(Horizontal d	listance to p	perer	nnial				200 feet to 1000 feet (10 points)					(10 pc			
lakes, ponds						G	Great	er tha	n 1000 f	eet	( 0 point	s)	( 0 pc	oints)	
irrigation car	nals and dite	ches)	)								Total		C	)	
						P	RANK	ING S	CORE (7	TOTAL	POINTS)	:	20		

Date Remediation Started:				Date Comp	oleted:					
Remediation Method:	Excavation:	Approx. cubic yards								
(Check all appropriate section	ns)		-							
	Landfarm		_	Insitu Biore	emediation					
	Other									
Remediation Location:	Onsite		Offsite							
(ie. landfarmed onsite,										
name and location of										
offsite facility)										
General Description Of Remo	edial Action:									
Sample was taken at 3' belo	w bottom of pit ce	nter. Set tan	k in pit.	No PID reading	was conducted on location. Samples					
were transported to laborate	ory for TPH analysi	s per EPA Me	thod 801	15 and for BTEX	analysis per EPA Method 8020A					
				·						
Ground Water Encountered:	No	X	_Yes	Depth						
Final Pit:		Sample loca	ntion	Rottom of nit -	cantor					
Closure Sampling:		Sample loca	CON	Bottom of pit -	Center					
(if multiple samples		Cample des								
attach sample results		Sample dep	uı		3'					
and diagram of sample		Sample date	3	6/25/99	Sample time 1:00pm					
locations and depths)		•		0,23,33						
		Sample Res	ults							
			Benzen	e (ppm)	0.081					
			Total B	TEX (ppm)	0.984					
			Field he	eadspace (ppm)						
			TPH	FF	г					
			IFII	55.	.5					
Ground Water Sample:	Yes	_ No	X	_ (If yes, atta	ach sample results)					
I HEREBY CERTIFY THAT TH	E INFORMATION	ABOVE IS TR	UE AND	COMPLETE TO 1	THE BEST					
of my knowledge and be	LIEF									
DATE	8/12/99	)		PRINTED N	NAME Shirley L. Ebert					
SIGNATURE Shi	rty & Thut			AND TITLE	Field SHEAR Specialist					
				_						



Lease Name:	Nickson	15		·
Federal/ Indian L	.ease No:	SF	078431A	
CA No.: 8910	0039070			
Unit:				
Legal Descriptio	n: Sect.	23	TP: 26N	R:8W
County	Juan N			

Load line valves :

Sealed during Production

Drain line valves : Sealed during Production

Production Line valve: Sealed during sales This lease is subject to the site security plan for San Juan Basin Operations. The plan is located at:

Conoco Inc.

3315 Bloomfield Hwy

Farmington, NM





# EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Sample ID: Laboratory Number: Chain of Custody No: Sample Matrix: Preservative:	Conoco Inc. Sep. Pit F619 6944 Soil Cool	Project #: Date Reported: Date Sampled: Date Received: Date Extracted: Date Analyzed:	707003-047 07-02-99 06-25-99 07-01-99 07-01-99
Condition:	Cool and Intact	Date Analyzed: Analysis Requested:	07-02-99 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.6	0.2
Diesel Range (C10 - C28)	54.9	0.1
Total Petroleum Hydrocarbons	55.5	0.2

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

Nickson #15.

Deur L. Oferen

Stacy W Sendler



# EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

# **Quality Assurance Report**

Client:	QA/QC		Droin at #		NI/A				
		10.0	Project #:		N/A				
Sample ID:	07-02-TPH QA	/QC	Date Reported:		07-02-99				
Laboratory Number:	F619		Date Sampled:		N/A				
Sample Matrix:	Methylene Chlori	de	Date Received:		N/A				
Preservative:	N/A		Date Analyzed:		07-02-99				
Condition:	N/A		Analysis Reques	ted:	TPH				
	I-Cal Date	I-Cal RF:	C-Cal RF;	% Difference	Accept. Range				
Gasoline Range C5 - C10	06-17-99	1.1457E-001	1.1448E-001	0.08%	0 - 15%				
Diesel Range C10 - C28	06-17-99	7.9565E-002	7.9438E-002	0.16%	0 - 15%				
Blank Conc. (mg/L - mg/Kg)	17 年2月1日 2月1日 1日 1	Concentration		Detection Limi	84 				
Gasoline Range C5 - C10		ND							
Diesel Range C10 - C28		ND		0.1 0.2					
Total Petroleum Hydrocarbons		ND							
Duplicate Conc. (mg/Kg)	Sample	Sample Duplicate % Difference Accept. Range							
Gasoline Range C5 - C10	0.6	0.6	0.0%	0 - 30%					
Diesel Range C10 - C28	54.9	54.7	0.4%	0 - 30%					
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range				
Gasoline Range C5 - C10	0.6	250	250	100%	00% 75 - 125%				
Diesel Range C10 - C28	54.9	250	304	100%	75 - 125%				

ND - Parameter not detected at the stated detection limit.

Deun P. Oejeuen

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

QA/QC for samples F619 - F624.

Stacy W Sendler
Review



PINNACLE I.D.: 907036



# GAS CHROMATOGRAPHY RESULTS

TEST

: EPA 8021 MODIFIED

CLIENT

: ENVIROTECH, INC.

PROJECT#

: 0707003

PROJECT NAME

: CONOCO

INCOLO	1 47 1141						
SAMPLE				DATE	DATE	DATE	DIL.
ID. #	CLIENT I.D.		MATRIX	SAMPLED	EXTRACTED	ANALYZED	FACTOR
01	SEP PIT/F619		NON-AQ	6/25/99	7/1/99	7/14/99	1
PARAMET	ΓER	DET. LIMIT		UNITS	SEP PIT/F619	-	
BENZENE		0.025		MG/KG	0.081		
TOLUENE	•	0.025		MG/KG	0.41		
ETHYLBE	NZENE	0.025		MG/KG	0.073		
TOTAL X	YLENES	0.025		MG/KG	0.42		
SURROG	ATE:						
	LUOROBENZENE	E (%)			96		

SURROGATE LIMITS

(65 - 120)

**CHEMIST NOTES:** 

N/A





# GAS CHROMATOGRAPHY RESULTS REAGENT BLANK

 TEST
 : EPA 8021 MODIFIED
 PINNACLE I.D.
 : 907036

 BLANK I. D.
 : 071499
 DATE EXTRACTED
 : N/A \*

 CLIENT
 : ENVIROTECH, INC.
 DATE ANALYZED
 : 7/14/99

 PROJECT #
 : 0707003
 SAMPLE MATRIX
 : NON-AQ

PROJECT NAME : CONOCO

,			
PARAMETER	UNITS		
BENZENE	MG/KG	<0.025	
TOLUENE	MG/KG	<0.025	
ETHYLBENZENE	MG/KG	<0.025	
TOTAL XYLENES	MG/KG	<0.025	

91

SURROGATE:

BROMOFLUOROBENZENE (%)

SURROGATE LIMITS: (80 - 120)

### **CHEMIST NOTES:**

\* = NO EXTRACTION REAGENT BLANK WAS PROVIDED WITH THE EXTRACTS TO THE LABORATORY. AN INSTRUMENT BLANK WAS REPORTED IN ITS PLACE.





# GAS CHROMATOGRAPHY QUALITY CONTROL **MSMSD**

TEST

PROJECT NAME

: EPA 8021 MODIFIED

MSMSD# CLIENT PROJECT#

: 907036-03 \* : ENVIROTECH, INC.

: 0707003 : CONOCO

907036 7/1/99

DATE ANALYZES DATE ANALYZED SAMPLE MATRIX

7/14/99 NON-AQ

UNITS MG/KG

	SAMPLE	CONC	SPIKED	%	DUP	DUP		REC	RPD		
PARAMETER	RESULT	SPIKE	SAMPLE	REC	SPIKE	% REC	RPD	LIMITS	LIMITS		
BENZENE	<0.025	1.00	0.95	95	0.92	92	3	( 68 - 120 )	20		
TOLUENE	< 0.025	1.00	1.00	100	0.99	99	1	(64 - 120)	20		
ETHYLBENZENE	<0.025	1.00	1.06	106	1.03	103	3	( 49 - 127 )	20		
TOTAL XYLENES	< 0.025	3.00	2.96	99	2.92	97	1	( 58 - 120 )	20		

## **CHEMIST NOTES:**

	(Spike Sample Result - Sample Result)
% Recovery =	X 100
	Spike Concentration

(Sample Result - Duplicate Result) ----- X 100 RPD (Relative Percent Difference) =

Average Result

<sup>\* =</sup> NO EXTRATION QC WAS PROVIDED TO THE LABORATORY WITH THE EXTRACTS. AN EXTRACT WAS SELECTED AND SPIKED AT THE INSTRUMENT.

# **CHAIN OF CUSTODY RECORD**

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