

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: **Shawn Adams**
 Company: **Contract Environmental Services, Inc.**
 Address: **P.O. Box 3376**
 City, State: **Farmington, NM 87499**

Date: **3-Jun-97**
 COC No.: **4315**
 Sample No.: **14732**
 Job No.: **2-1000**

Project Name: **Koch Exploration - Gardner 4**
 Project Location: **GARD4-101, Mid Pit 4'**
 Sampled by: **DGM** Date: **27-May-97** Time: **14:00**
 Analyzed by: **HR** Date: **30-May-97**
 Sample Matrix: **Soil**

Laboratory Analysis

Parameter	Results as Received	Limit of Quantitation	Unit of Measure	Method
Total Petroleum Hydrocarbons TPH	226	25	mg/kg	EPA Method 418.1

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

Laboratory Fortified Blank/Spike Soil

Laboratory Identification	Analyzed Value	Acceptable Range	Unit of Measure
Laboratory Fortified Blank Soil - QCBS2	< 25	< 25	mg/kg
Laboratory Fortified Spike Soil - QCSS1	828	828 - 1024	mg/kg

Duplication

Laboratory Identification	% RSD	Limit % RSD
14751-6382	1.0	15.0

Approved by: 
 Date: **6/3/97**

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

Cliff: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *Shawn Adams*
Company: *Contract Environmental Services, Inc.*
Address: *P.O. Box 3376*
City, State: *Farmington, NM 87499*

Date: *10-Jun-97*
COC No.: *4315*
Sample No.: *14732*
Job No.: *2-1000*

Project Name: *Koch Exploration - Gardner 4*
Project Location: *GARD4-101, Midpl 4*
Sampled by: *DGM*
Analyzed by: *HR*
Sample Matrix: *Soil*

Date: *27-May-97* Time: *14:00*
Date: *4-Jun-97*

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Benzene</i>	<i>ND</i>	<i>ug/kg</i>	<i>1</i>	<i>ug/kg</i>
<i>Toluene</i>	<i>ND</i>	<i>ug/kg</i>	<i>1</i>	<i>ug/kg</i>
<i>Ethylbenzene</i>	<i>ND</i>	<i>ug/kg</i>	<i>1</i>	<i>ug/kg</i>
<i>m,p-Xylene</i>	<i>ND</i>	<i>ug/kg</i>	<i>1</i>	<i>ug/kg</i>
<i>o-Xylene</i>	<i>ND</i>	<i>ug/kg</i>	<i>1</i>	<i>ug/kg</i>
<i>TOTAL</i>		<i>ND</i>		<i>ug/kg</i>

ND - Not Detected at Limit of Quantitation

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

Approved by: *[Signature]*
Date: *6/10/97*

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -



CHAIN OF CUSTODY RECORD

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Page 1 of 1

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

Purchase Order No.:		Job No.	
Name: <u>Don Johnson</u>		Title:	
Company: <u>Koch Exploration Co.</u>		Company: <u>Contract Environmental Services, Inc.</u>	
Address: <u>P.O. Box 489</u>		Mailing Address: <u>P.O. Box 3376</u>	
City, State, Zip: <u>Altec, NM 87410</u>		City, State, Zip: <u>Farmington NM 87499</u>	
Sampling Location: <u>Gardner 4, 4A, 5, 3, 3A</u>		Telephone No.: <u>325-1198</u>	
		Telefax No.:	

ANALYSIS REQUESTED

Sampler	SAMPLE IDENTIFICATION	SAMPLE		PRES.	Containers	LAB ID			
		DATE	TIME			40% TPT 64 EPA 418.1 BTEX 8026 PM 5000 ADAMS 6/4/97	40% TPT 64 EPA 418.1 BTEX 8026 PM 5000 ADAMS 6/4/97	40% TPT 64 EPA 418.1 BTEX 8026 PM 5000 ADAMS 6/4/97	LAB ID
GARDY-101	Gardner 4 mid pit 4'	5/27/97	1400	NO	1	X	X	X	14732 -4315
GARD 4A-100	Gardner 4A mid pit 4'	5/27/97	1315	NO	1	X	X	X	14733
GARD 5-100	Gardner 5 mid pit 4'	5/27/97	1100	NO	1	X	X	X	14734
GARD 3-100	Gardner 3 mid pit 3'	5/28/97	0930	NO	1	X	X	X	14735
GARD 3A-101	Gardner 3A mid pit 6'	5/28/97	1200	NO	1	X	X	X	14736

Relinquished by: <u>[Signature]</u>	Date/Time: <u>5/28/97 4:30P</u>	Received by: <u>[Signature]</u>	Date/Time: <u>5/28/97 1630</u>
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

Method of Shipment:	24-48 Hours	10 Working Days	Special Instructions:
Authorized by: <u>[Signature]</u>	Date: <u>5/28</u>		

CES Summary of KOCH Project for 5/27/97

Sample Number	Location	PID (ppm)	Remarks
Gardner 5			
1	mid-pit 4' below surface	243	hit bedrock on both sample locations
2	west-pit 4' below surface	171	
West bank bottom		0	
East bank bottom		0	
Northbank bottom		0	
South bank bottom		0	
Gardner 4A			
1	mid-pit 4' below surface	1	hit bedrock on sample location
West bank bottom		0	
East bank bottom		0	
Northbank bottom		0	
South bank bottom		0	
Gardner 4			
1	mid-pit 4' below surface	4	no bedrock hit-sample below limit at depth
West bank bottom		0	
East bank bottom		0	
Northbank bottom		0	
South bank bottom		0	

Koch Exploration Co.

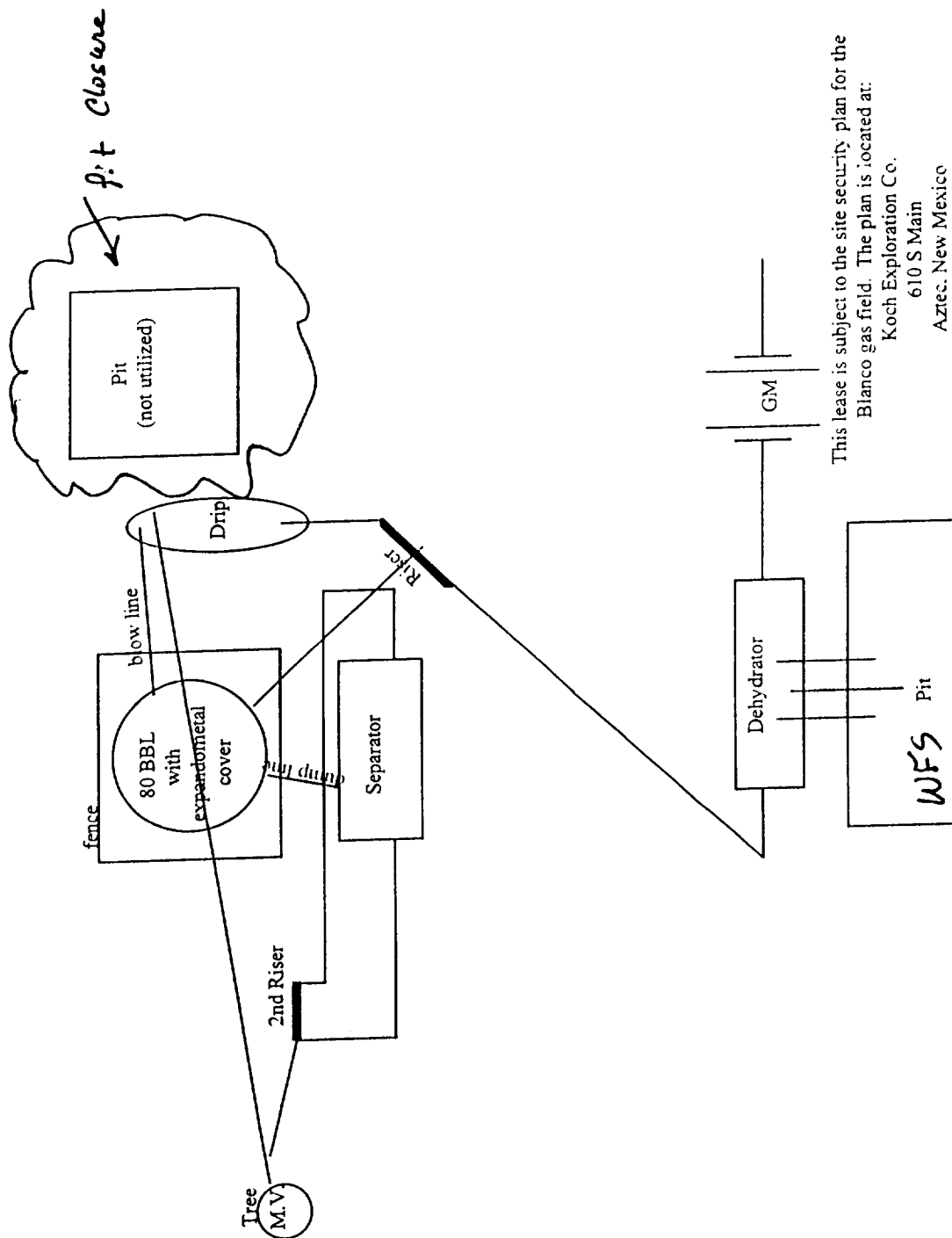
~~Section 25~~ SW 1/4 - SW 1/4

Sec. 25 - T32N - R9W

San Juan County NM

Lease NO. SF-013642

Revised: 4-28-97



OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 07-Dec-99

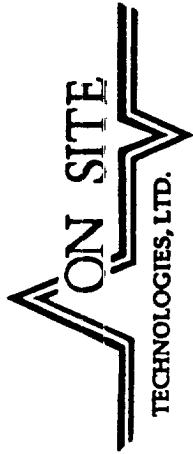
Client:	Contract Environmental Services, Inc.	Client Sample Info:	Gardner 4
Work Order:	9911040	Client Sample ID:	GARD-902
Lab ID:	9911040-03A	Matrix:	SOIL
Project:	Blancett Com1, Walker 1R & Gardner 4	Collection Date:	11/18/99 10:24:00 AM
		COC Record:	10103

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				
T/R Hydrocarbons: C10-C28	190	25		mg/Kg	1	Analyst: DC 12/1/99

Qualifiers:

- PQL - Practical Quantitation Limit
- ND - Not Detected at Practical Quantitation Limit
- J - Analyte detected below Practical Quantitation Limit
- B - Analyte detected in the associated Method Blank

- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- Sur: - Surrogate



CHAIN OF CUSTODY RECORD

612 E. Murray Dr. • P.O. Box 2808 • Farmington, NM 87499
LAB: (505) 325-5687 • FAX: (505) 327-1498

10105

Date: 11/30/99
Page: 1 of 1

Purchase Order No.:		Project No.	
Name: <u>Don Johnson</u>		Name: <u>Shawn Adams</u>	
Company: <u>Koch Exploration</u>		Company: <u>Contract Environmental Services</u>	
Address: <u>PO Box 489</u>		Mailing Address: <u>PO Box 3376</u>	
City, State, Zip: <u>Artes, NM 87410</u>		City, State, Zip: <u>Farmington, NM 87499</u>	
Telephone No.:		Telephone No.:	
Fax No.:		Fax No.:	
PROJECT LOCATION: <u>Blanchard Can 1</u> <u>Walker IR</u>		ANALYSIS REQUESTED	
SAMPLER'S SIGNATURE: <u>S. Adams</u>			
SAMPLE IDENTIFICATION		LAB ID	
DATE	TIME	MATRIX	PRES.
<u>11/18</u>	<u>9:00A</u>	<u>Soil</u>	<u>NO</u>
<u>11/18</u>	<u>9:18A</u>	<u>"</u>	<u>"</u>
<u>11/18</u>	<u>10:34A</u>	<u>"</u>	<u>"</u>
RELINQUISHED BY: <u>[Signature]</u>		RECEIVED BY: <u>[Signature]</u>	
DATE/TIME: <u>11/30/99</u>		DATE/TIME: <u>11/30/99</u>	
RELINQUISHED BY: <u>[Signature]</u>		RECEIVED BY: <u>[Signature]</u>	
DATE/TIME: <u>11/30/99</u>		DATE/TIME: <u>11/30/99</u>	
RELINQUISHED BY: <u>[Signature]</u>		RECEIVED BY: <u>[Signature]</u>	
DATE/TIME: <u>11/30/99</u>		DATE/TIME: <u>11/30/99</u>	
METHOD OF SHIPMENT:		RUSH ☐ 24-48 HOURS ☐ 10 WORKING DAYS ☐ BY DATE ☐	
AUTHORIZED BY: <u>SAA</u>		SPECIAL INSTRUCTIONS / REMARKS: <u>8015 m DRO only</u>	
DATE: <u>11/30/99</u>			

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ANALYTICAL REPORT

Date: 07-Dec-99

Client: Contract Environmental Services, Inc.
Work Order: 9911040
Lab ID: 9911040-03A **Matrix:** SOIL
Project: ~~Dancett Coml, Walker RR~~ & Gardner 4

Client Sample Info: Gardner 4
Client Sample ID: GARD-902
Collection Date: 11/18/99 10:24:00 AM
COC Record: 10103

Land Farm
D. J.
10/25/00

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	190	25		mg/Kg	1	12/1/99

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr - Surrogate

1 of 1

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 07-Dec-99

Client: Contract Environmental Services, Inc.

Client Sample Info: Gardner 4

Work Order: 9911040

Client Sample ID: GARD-902

Lab ID: 9911040-03A Matrix: SOIL

Collection Date: 11/18/99 10:24:00 AM

Project: ~~Blanchett Canal, Walker IR & Gardner 4~~

COC Record: 10103

*Land Farm
Of
10/25/00*

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	190	25		mg/Kg	1	12/1/99

Qualifiers:

PQL - Practical Quantitation Limit

S - Spike Recovery outside accepted recovery limits

ND - Not Detected at Practical Quantitation Limit

R - RPD outside accepted recovery limits

J - Analyte detected below Practical Quantitation Limit

E - Value above quantitation range

B - Analyte detected in the associated Method Blank

Surr: - Surrogate

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