

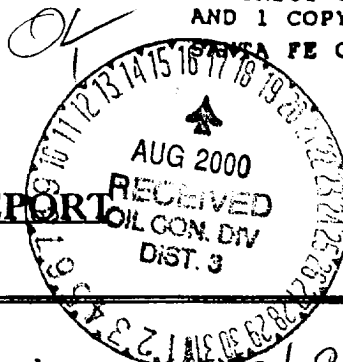
District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT



Operator: Koch Exploration Company Telephone: 505-334-9111
Address: PO Box 489 Aztec, NM 87410
Facility Or: Dryden I
Well Name _____
Location: Unit or Qtr/Qtr Sec D Sec 28 T 28N R 8W County San Juan
Pit Type: Separator ☒ Dehydrator _____ Other _____
Land Type: BLM ☒ State _____ Fee _____ Other _____

Pit Location: Pit dimensions: length 24', width 23', depth 16'
(Attach diagram) Reference: wellhead ☒, other _____
Footage from reference: 110
Direction from reference: 22 Degrees ☒ East North ☒
of
_____ West South _____

Depth To Ground Water: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
contaminants to seasonal Greater than 100 feet (0 Points) 20
high water elevation of
ground water)

Wellhead Protection Area: Yes (20 points)
(Less than 200 feet from a private No (0 points) 0
domestic water source, or; less than
1000 feet from all other water sources)

Distance To Surface Water: Less than 200 feet (20 points)
(Horizontal distance to perennial 200 feet to 1000 feet (10 points)
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points) 20
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 40

Date Remediation Started: 9/15/95 Dated Completed: 8/26/96
Remediation Method: Excavation ☒ Approx. cubic yards 330
(Check all appropriate sections) Landfarmed ☒ Insitu Bioremediation ☐
Other _____

Remediation Location: Onsite ☒ Offsite _____
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: Removed contaminated soil and placed in an on-site soil farm

Ground Water Encountered: No ☒ Yes ☐ Depth _____

Final Pit:
Closure Sampling:
(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location pit bottom

Sample depth 16'

Sample date 9/15/95 Sample time 1246

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 74

TPH 225

Substitute field headspace results for BTEX

Ground Water Sample: Yes ☐ No ☒ (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 8/10/00

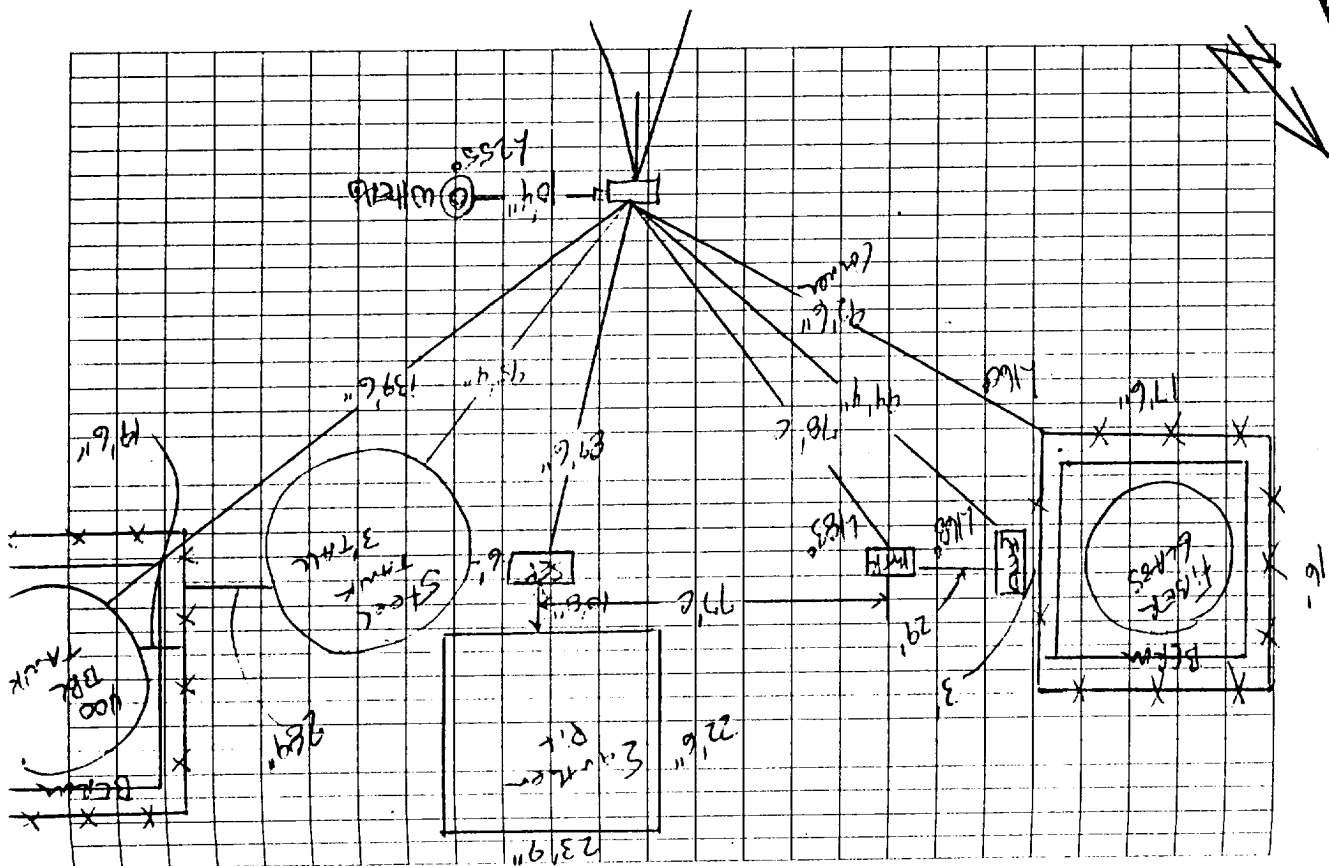
SIGNATURE Donald L. Johnson

PRINTED NAME AND TITLE

DONALD L. Johnson
Operations Manager

LOCAND [REDACTED] Sec 28 T28N R3W

Don Johnson 320-0819 mobile



Koch

LOCATION: 515/3

DATE: 10/15/01

NOTES: CAME TO LOCATION TODAY TO
EXCAVATE EARTHEN PIT. LEFT AT
2:00 TO GO TO DRYDEN. TO DO
DENNY FIRST FOLLOWUP. REMOVE
FENCING. REMOVE FUEL COVER

Depth' P.D. (PPM)

2' 2000+

6' 500

7' 2000+

10'

14'

17' 300

19' 1.0

1G' 74

BACK PIT BOTTOM SAMPLE 4 OR.

SAMPLE NO. RESULTS (PPM)

DRYD-202 Pit Bottom <25.0

OFF: (505) 325-8786



LAB: (505) 325-5667

TOTAL PETROLEUM HYDROCARBONS

Attn: *Shawn Adams*
Company: *Contract Environmental Services, Inc.*
Address: *P.O. Box 505*
City, State: *Kirtland, NM 87417*

Date: 18-Sep-95
COC No.: 3183
Sample No. 8244
Job No. 2-1000

Project Name: *Koch Exploration - Dryden 1*
Project Location: *DRYD-202 Pit Bottom Clearance*
Sampled by: SA Date: 15-Sep-95 Time: 12:46
Analyzed by: BV Date: 18-Sep-95
Type of Sample: Soil

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
8244-3183	<i>Koch Exploration - Dryden 1</i> <i>DRYD-202 Pit Bottom Clearance</i>	<25 mg/kg

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: *Da 4*
Date: 9/18/95

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

CHAIN OF CUSTODY RECORD

MOBILE 320-4029 ! 3183

Date:

Page

_____ of _____

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LAB: (505) 325-5667 • FAX: (505) 325-6256

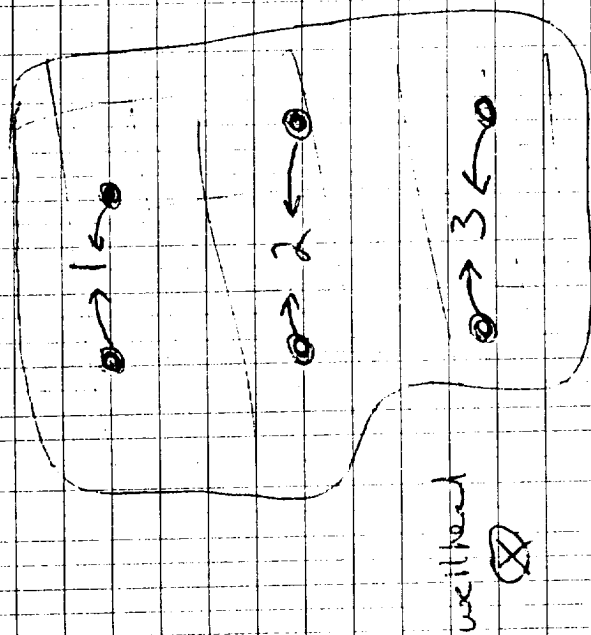
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[illegible]

8/22/96 - 10/10/96

Came to location to turn and sample soil. Ran thru 2 directions with Rotatiller.

#	Location	P10	Lab Result (TPH)
1	West	1.0 ppm	Dryd-900 = 67 ppm
2	Center	0.0	Dryd-901 = 43 ppm
3	East	0.0	Dryd-902 = 50 ppm



→

OFF: (505) 325-5667



LAB: (505) 325-1556

TOTAL PETROLEUM HYDROCARBONS

Attn: *Shawn Adams*
Company: *Contract Environmental Services, Inc.*
Address: *P.O. Box 505*
City, State: *Kirtland, NM 87417*

Date: *29-Aug-96*
COC No.: *4302*
Sample No. *11920*
Job No. *2-1000*

Project Name: *Koch Exploration-Dryden 1*
Project Location: *DRYD-900; Soil Farm West End, Composite*
Sampled by: *SA/JB* Date: *22-Aug-96* Time: *10:15*
Analyzed by: *HR* Date: *28-Aug-96*
Sample Matrix: *Soil*

Laboratory Analysis

<i>Parameter</i>	<i>Result</i>	<i>Detection Limit</i>	<i>Unit of Measure</i>	<i>Method</i>
<i>Total Petroleum Hydrocarbons, TPH</i>	<i>67</i>	<i>25</i>	<i>mg/kg</i>	<i>EPA Method 418.1</i>

Quality Assurance Report

Laboratory Fortified Blank/Spike Soil

<i>Laboratory Identification</i>	<i>Analyzed Value</i>	<i>Acceptable Range</i>	<i>Unit of Measure</i>
<i>Laboratory Fortified Blank Soil - QCBS2</i>	<i>< 25</i>	<i>< 25</i>	<i>mg/kg</i>
<i>Laboratory Fortified Spike Soil - QCSS1</i>	<i>917</i>	<i>828 - 1024</i>	<i>mg/kg</i>

Duplication

<i>Laboratory Identification</i>	<i>(% RSD)</i>	<i>Limit (% RSD)</i>
<i>11914-4302</i>	<i>1.7</i>	<i>15.0</i>

Approved by:

Date:

Ja
8/29/96

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- JOINING A BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

TOTAL PETROLEUM HYDROCARBONS

Attn: *Shawn Adams*
Company: *Contract Environmental Services, Inc.*
Address: *P.O. Box 505*
City, State: *Kirtland, NM 87417*

Date: *29-Aug-96*
COC No.: *4302*
Sample No. *11921*
Job No. *2-1000*

Project Name: *Koch Exploration- Dryden 1*
Project Location: *DRYD-901; Soil Farm Center, Composite*
Sampled by: *SA/JB* Date: *22-Aug-96* Time: *10:16*
Analyzed by: *HR* Date: *28-Aug-96*
Sample Matrix: *Soil*

Laboratory Analysis

Parameter	Result	Detection Limit	Unit of Measure	Method
Total Petroleum Hydrocarbons, TPH	43	25	mg/kg	EPA Method 418.1

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	917	828 - 1024	mg/kg

Duplication

Laboratory Identification	(% RSD)	Limit (% RSD)
11914-4302	1.7	15.0

Approved by: *JaG*
Date: *8/29/96*

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

TOTAL PETROLEUM HYDROCARBONS

Attn: *Shawn Adams*
Company: *Contract Environmental Services, Inc.*
Address: *P.O. Box 505*
City, State: *Kirtland, NM 87417*

Date: *29-Aug-96*
COC No.: *4302*
Sample No. *11922*
Job No. *2-1000*

Project Name: *Koch Exploration- Dryden 1*
Project Location: *DRYD-902; Soil Farm East End, Composite*
Sampled by: *SA/JB* Date: *22-Aug-96* Time: *10:17*
Analyzed by: *HR* Date: *28-Aug-96*
Sample Matrix: *Soil*

Laboratory Analysis

<i>Parameter</i>	<i>Result</i>	<i>Detection Limit</i>	<i>Unit of Measure</i>	<i>Method</i>
<i>Total Petroleum Hydrocarbons, TPH</i>	<i>50</i>	<i>25</i>	<i>mg/kg</i>	<i>EPA Method 418.1</i>

Quality Assurance Report

Laboratory Fortified Blank/Spike Soil

<i>Laboratory Identification</i>	<i>Analyzed Value</i>	<i>Acceptable Range</i>	<i>Unit of Measure</i>
<i>Laboratory Fortified Blank Soil - QCBS2</i>	<i>< 25</i>	<i>< 25</i>	<i>mg/kg</i>
<i>Laboratory Fortified Spike Soil - QCSS1</i>	<i>917</i>	<i>828 - 1024</i>	<i>mg/kg</i>

Duplication

<i>Laboratory Identification</i>	<i>(% RSD)</i>	<i>Limit (% RSD)</i>
<i>11914-4302</i>	<i>1.7</i>	<i>15.0</i>

Approved by: *Ja S*
Date: *8/29/96*

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

ON SITE

CHAIN OF CUSTODY RECORD

4302

TECHNOLOGIES, LTD.

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LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 8/26/96

Page 1 of 2

Purchase Order No.:		Job No.:	
Name: Don Johnson		Title:	
Company: Earth Environmental Services, Inc.		Mailing Address: 20 Bay CES	
Address: 10000 N. 10th Ave		City, State, Zip: ALBUQUERQUE NM 87117	
City, State, Zip: ALBUQUERQUE NM 87117		Telephone No. 225-1198	
Fax: 225-1198		Telefax No.:	
SEND INVOICE TO			
Sampling Location: 10000 N. 10th Ave 2 10000 N. 10th Ave 2E			
Sample: 50000, 50000, 50000			
SAMPLE IDENTIFICATION		SAMPLE	
DATE		TIME	
MATRIX		PRES.	
Number of Containers		ANALYSIS REQUESTED	
LAB ID			
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