

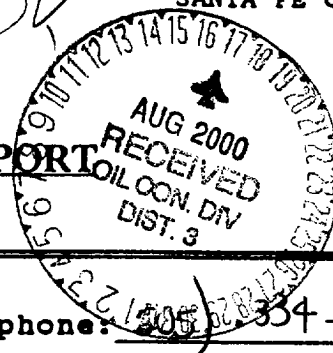
District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

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 Co. Telephone: 505-283-9111
Address: P.O. Box 489 Aztec, NM 87410
Facility or: Howell 1
Well Name
Location: Unit or Qtr/Qtr sec M sec 3 T30N R 8W county San Juan
Pit Type: Separator Dehydrator other Drip
Land Type: BLM ✓, State , Fee , Other

Pit Location: Pit dimensions: length 15', width 15', depth 2'
(Attach diagram) Reference: wellhead ✓, other
Footage from reference: 80
Direction from reference: 40 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) 0
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) 0
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points)
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 5/29/97 Date Completed: 5/29/97

Remediation Method: Excavation Approx. cubic yards
(Check all appropriate sections) Landfarmed Insitu Bioremediation
Other No action required

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

General Description Of Remedial Action: No action required

Ground Water Encountered: No ☒ Yes Depth

Final Pit: Sample location mid-pit bottom
Closure Sampling:
(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample depth 2'

Sample date 5/29/97 Sample time 0840

Sample Results

Benzene(ppm) ND

Total BTEX(ppm) ND

Field headspace(ppm) 2.5

TPH ND

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

Koch Exploration Co.

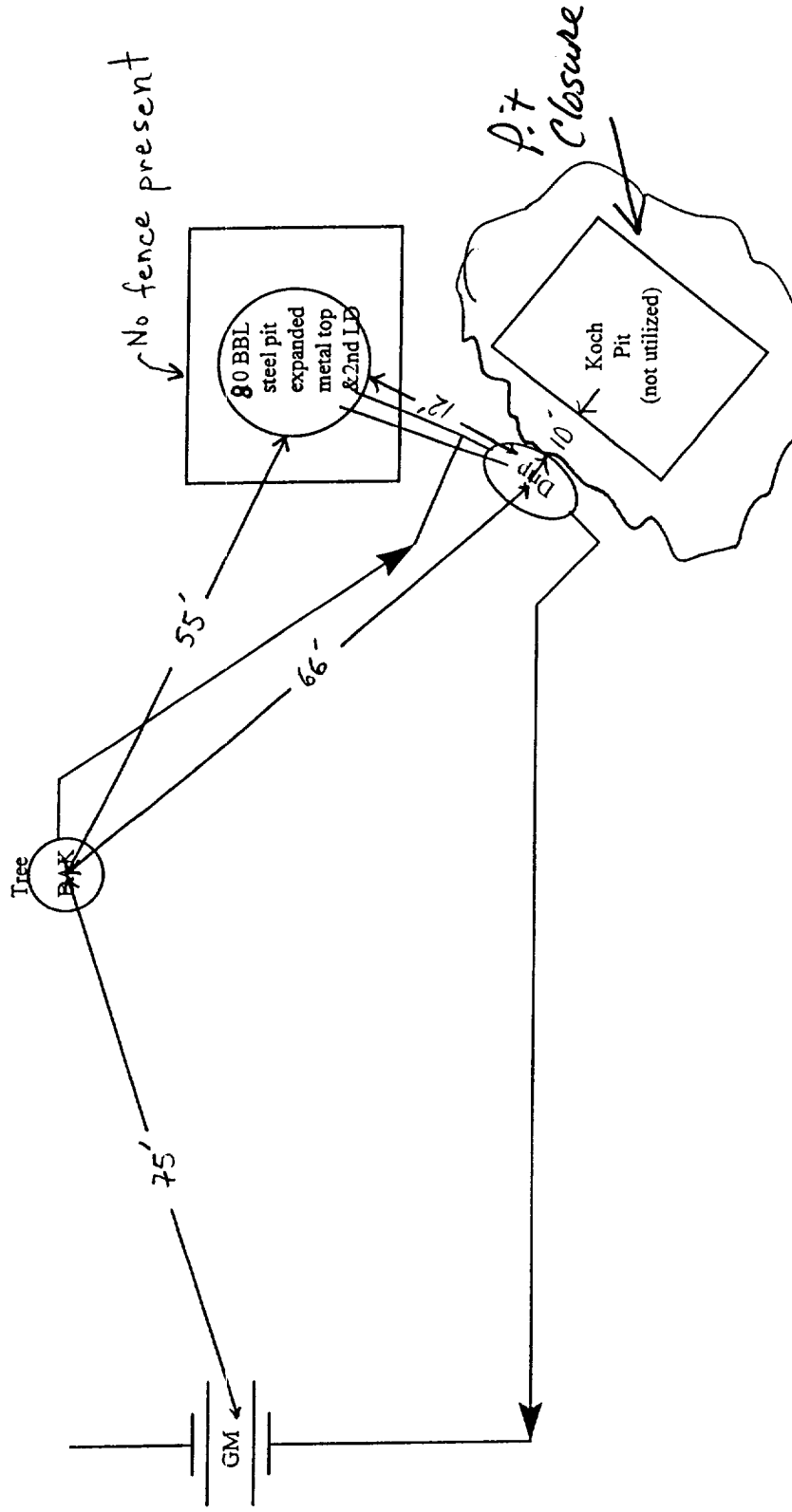
~~Howell~~ SW 1/4 - SW 1/4

Sec. 3 - T30N - R8W.

San Juan County NM

Lease NO. NM-D1C-468

Revised 4-24-97



This lease is subject to the site security plan for the
Blanco gas field. The plan is located at:

Koch Exploration Co.

610 S Main

Aztec, New Mexico

CES Summary of KOCH Earthen Pit Remediation Project for 5/29/97

Sample Number	Location	PID (ppm)	Remarks
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Howell 1

1	mid-pit 2' below surface	2.5	lab number - HOW1-100
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PID Readings

in pit	mid pit bottom	0.0	hit bedrock at 2'
in pit	West bank bottom	0.0	
in pit	East bank bottom	0.0	
in pit	North bank bottom	0.0	
in pit	South bank bottom	0.0	

Moore 1

1	mid-pit 4' below surface	5.0	lab number - MOOR1-101
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PID Readings

in pit	mid pit bottom	0.0
in pit	West bank bottom	0.0
in pit	West bank middle	0.0
in pit	East bank bottom	0.0
in pit	East bank middle	0.0
in pit	North bank bottom	0.0
in pit	North bank middle	0.0
in pit	South bank bottom	0.0
in pit	South bank middle	0.0

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.: *6385*
Sample No.: *14789*
Job No.: *2-1000*

Project Name: *Koch Exploration - Howell 1*
Project Location: *HOW1-100; Mid Pit, 2' deep*
Sampled by: *DGM* Date: *29-May-97* Time: *8:40*
Analyzed by: *HR* Date: *2-Jun-97*
Sample Matrix: *Soil*

Laboratory Analysis

Parameter	Results as Received	Limit of Quantitation	Unit of Measure	Method
<i>Total Petroleum Hydrocarbons, TPH</i>	<i>ND</i>	<i>25</i>	<i>mg/kg</i>	<i>EPA Method 418.1</i>

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

Laboratory Fortified Blank/Spike Soil

Laboratory Identification	Analyzed Value	Acceptable Range	Unit of Measure
<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>830</i>	<i>828 - 1024</i>	<i>mg/kg</i>

Duplication

Laboratory Identification	% RSD	Limit % RSD
<i>14789-6385</i>	<i>< LOQ</i>	<i>15.0</i>

Approved by: *[Signature]*
Date: *6/3/97*

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: *10-Jun-97*
COC No.: *6385*
Sample No.: *14789*
Job No.: *2-1000*

Project Name: *Koch Exploration & Howell 1*
Project Location: *HOW1-100; Midpit 2 deep*
Sampled by: *DGM*
Analyzed by: *HR*
Sample Matrix: *Soil*

Date: *29-May-97* Time: *8:40*
Date: *4-Jun-97*

Laboratory Analysis

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

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*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

CHAIN OF CUSTODY RECORD

5835

$$5/29/97$$

Date:

Page 1 of 1

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

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