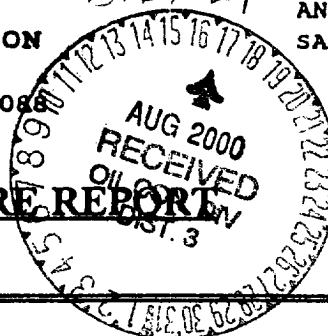


District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

OK
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) 334-9111
Address: P.O. Box 489 Aztec, NM 87410
Facility Or: Lambe 3A
Well Name _____
Location: Unit or Qtr/Qtr Sec P Sec 21 T 31N R 10W County San Juan
Pit Type: Separator ☒ Dehydrator _____ Other _____
Land Type: BLM ☒ State _____ Fee _____ Other _____

Pit Location: Pit dimensions: length 10', width 15', depth 7'
(Attach diagram) Reference: wellhead ☒, other _____
Footage from reference: 100'
Direction from reference: 10 Degrees ☒ East North ☒
of
_____ West South _____

Depth To Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 Points) <u>0</u>
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)	Yes (20 points) No (0 points) <u>0</u>
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet (20 points) 200 feet to 1000 feet (10 points) Greater than 1000 feet (0 points) <u>0</u>
RANKING SCORE (TOTAL POINTS): <u>0</u>	

Date Remediation Started: 7/8/96 Date Completed: 8/28/97
Remediation Method: Excavation ☒ Approx. cubic yards 40
(Check all appropriate sections) Landfarming ☒ Insitu Bioremediation ☐
Other _____

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

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

Ground Water Encountered: No ☒ Yes ☐ Depth _____

Final Pit: Sample location pit - bottom
Closure Sampling: _____
(if multiple samples, attach sample results and diagram of sample locations and depths) Sample depth 8'
Sample date 7/8/96 Sample time 1351
Sample Results

Benzene (ppm) 0.006
Total BTEX (ppm) 2.4
Field headspace (ppm) N/A
TPH 882

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

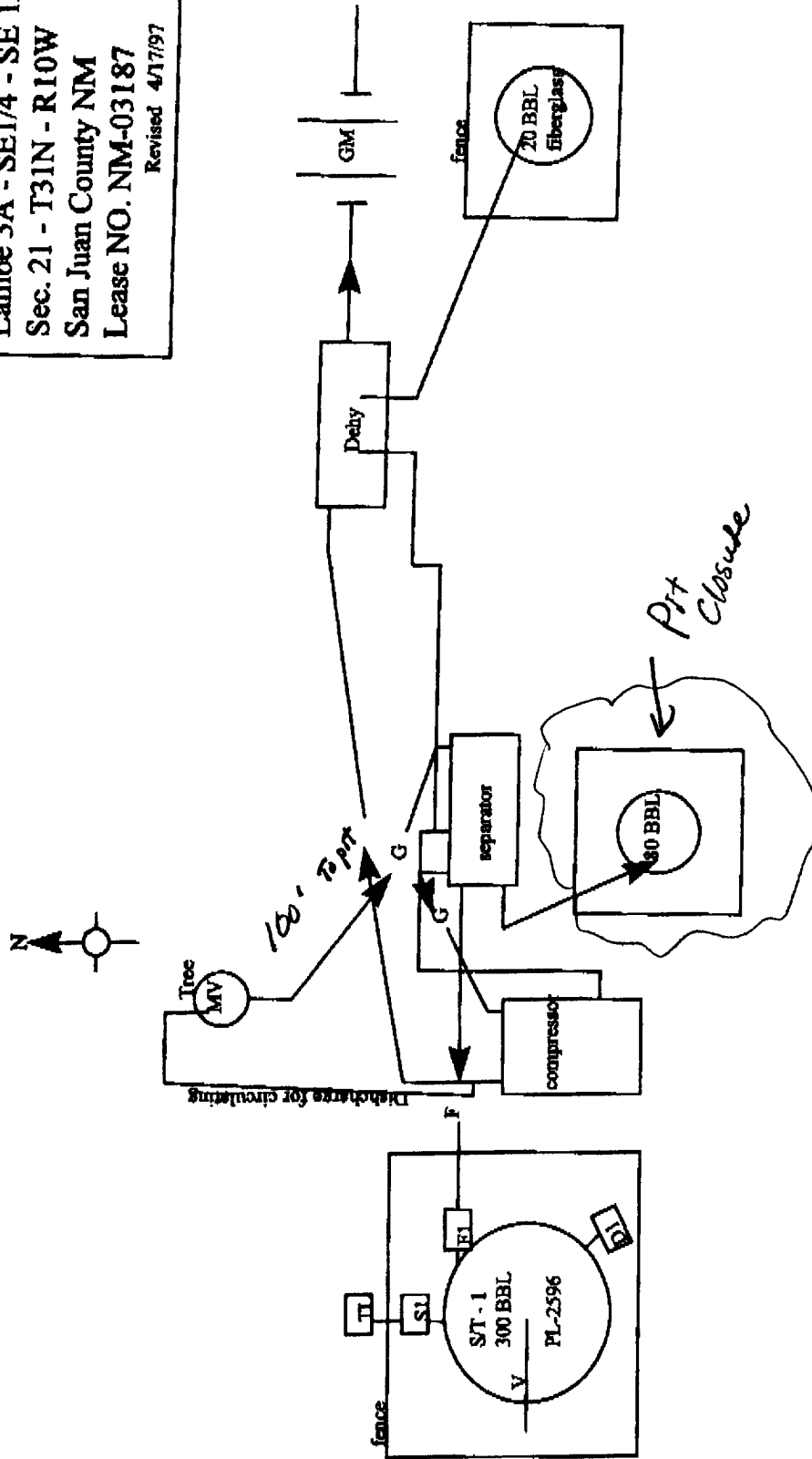
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 8/10/00

SIGNATURE Donald L. Johnson

PRINTED NAME DONALD L. Johnson
AND TITLE Operations Manager

Koch Exploration Co.
 Lambe 3A - SE1/4 - SE 1/4
 Sec. 21 - T31N - R10W
 San Juan County NM
 Lease NO. NM-03187
 Revised 4/17/97



General sealing of valves, sales by tank gauging.
Production phase. Drain valve, D1, and sales valve, S1, sealed closed.
Sales phase. the tank from which sales are being made will be isolated by sealing closed the drain valve, D1, fill valve, F1, during sales.
Draining phase. the tank being drained will be isolated by sealing closed the sales valve, S1, and fill valve, F1, during drain off.

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

7/8/46 - Leaning 3A

~~Ammonia location and new vessel~~

~~Began examining and sampling~~

~~shake layer at ~ 7' deep → Be-Track?~~

Took bottom sample for Lab analysis

NO PID samples.

LAMB-902: TPH = 882 ppm

B = 0.0264 ppm

T = 0.5968 ppm

E = 0.1739 ppm

m.p.x = 1.4284 ppm

Q-X = 0.2102 ppm

total = 2.4158 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: **12-Jul-96**
COC No.: **4201**
Sample No. **11481**
Job No. **2-1000**

Project Name: **Koch Exploration Company - Lambe #3A**
Project Location: **LAMB-900; 7-8' Bottom**
Sampled by: **SA** Date: **8-Jul-96** Time: **13:51**
Analyzed by: **HR** Date: **11-Jul-96**
Sample Matrix: **Soil**

Laboratory Analysis

Parameter	Result	Detection Limit	Unit of Measure	Method
Total Petroleum Hydrocarbons, TPH	882	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	936	828 - 1024	mg/kg

Duplication

Laboratory Identification	(% RSD)	Limit (% RSD)
11481-4201	1.2	15.0

Approved by: 

Date: **7/12/96**

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

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

Date: **12-Jul-96**
COC No.: **4201**
Sample No. **11481**
Job No. **2-1000**

Project Name: **Koch Exploration Co. - Lambe #3A**
Project Location: **LAMB-900; 7-8' Bottom**
Sampled by: **SA**
Analyzed by: **HR**
Sample Matrix: **Soil**

Date: **8-Jul-96** Time: **13:51**
Date: **11-Jul-96**

Laboratory Analysis

Parameter	Result	Units of Measure	Detection Limit	Units of Measure
Benzene	6.4	ug/kg	0.2	ug/kg
Toluene	596.8	ug/kg	0.2	ug/kg
Ethylbenzene	173.9	ug/kg	0.2	ug/kg
m,p-Xylene	1428.4	ug/kg	0.2	ug/kg
o-Xylene	210.2	ug/kg	0.2	ug/kg
	*TOTAL	2415.8		ug/kg

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

Approved by: *Ja G*
Date: *7/12/96*

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

[illegible]

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: **2-Sep-97**
 COC No.: **4352**
 Sample No.: **15931**
 Job No.: **2-1000**

Project Name: **Koch Exploration - Lambe 3**
 Project Location: **LAMB-604; Soil Farm, Comp. 1, 2, 3**
 Sampled by: **SAA/PRC** Date: **26-Aug-97** Time: **15:15**
 Analyzed by: **DC/HR** GRO Date: **28-Aug-97**
 Sample Matrix: **Soil** DRO Date: **29-Aug-97**

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Gasoline Range Organics (C5 - C9)	ND	mg/kg	0.5	mg/kg
Diesel Range Organics (C10 - C28)	9	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

GRO QC No.: 0537-STD
 DRO QC No.: 0548-STD

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Gasoline Range (C5 - C9)	ND	ppb	1,801	1,752	2.8	15%
Diesel Range (C10 - C28)	ND	ppm	200	197	1.5	15%

Matrix Spike

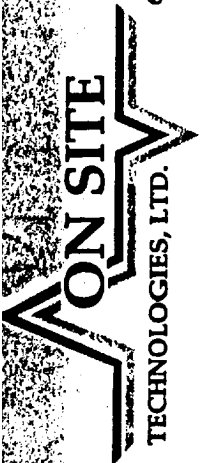
Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Gasoline Range (C5-C9)	91	101	(80-120)	10	20%
Diesel Range (C10-C28)	80	81	(75-125)	1	20%

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

Approved by: *[Signature]*
 Date: **9/2/97**

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -



CHAIN OF CUSTODY RECORD

4352

Date: 8/27/97

Page 1 of 2

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

Purchase Order No.:		Job No.	
Name: DON JOHNSON		Name: SHAWN ADAMS	
Company: KOCN EXPLORATION		Company: CONTRACT ENVIRONMENTAL SERVICES, INC.	
Address: P.O. Box 489		Mailing Address: P.O. Box 3376	
City, State, Zip: AZTEC NM 87410		City, State, Zip: FARMINGTON NM 87499	
		Telephone No.: 325-1198	
		Telefax No.:	

Sampling Location: DEYDEN 2E, DRYDEN 1E, MANSFIELD 1, WALKER 2A
DRYDEN 2, GONSALES 1, MANSFIELD 1E, LAMBE 3E

Sampler: SAA / PRC

SAMPLE IDENTIFICATION		SAMPLE		MATRIX	PRES.	Number of Containers	RESULTS TO REPORT	Name	Company	Mailing Address	City, State, Zip	Telephone No.	Telefax No.	Title	LAB ID
		DATE	TIME												
DRYD - 400 DRYDEN 2E, COMP 344	501	8/25/97	1:30	Soil	NO	1		X							15721-435
DRYD - 401 " " COMP 142	" "	" "	" "	" "	" "	1		X							15722
DRYD - 402, DRYDEN 2, COMP 1	" "	" "	2:05	" "	" "	1		X							15723
DRYD - 403, DRYDEN 1E, COMP 142	" "	" "	2:30	" "	" "	1		X							15724
GONSALES - 404, GONSALES 1, COMP 142	" "	" "	3:45	" "	" "	1		X							15725
GONSALES - 405, GONSALES 1, COMP 344	" "	8/25/97	3:45	" "	" "	1		X							15726
MANSFIELD - 600, MANSFIELD 1, COMP 123	" "	8/26/97	10:00	" "	" "	1		X							15727
MANSFIELD - 601, MANSFIELD 1, COMP 456	" "	" "	10:00	" "	" "	1		X							15728
MANSFIELD - 602, MANSFIELD 1E, COMP 123	" "	" "	10:30	" "	" "	1		X							15729
WALKER 2A, COMP 123	" "	" "	1:15	" "	" "	1		X							15730
LAMBE 3E, COMP 123	" "	8/26/97	3:15	" "	10E	1		X							15731

Relinquished by: [Signature]	Date/Time: 8/27/97 9:00	Received by: [Signature]	Date/Time: 8/27/97 10:00
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: [Signature]	Date: 8/27/97			

On Site Yellow - LAB Pink - Sampler Goldenrod - Client