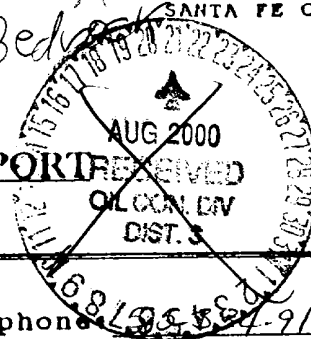
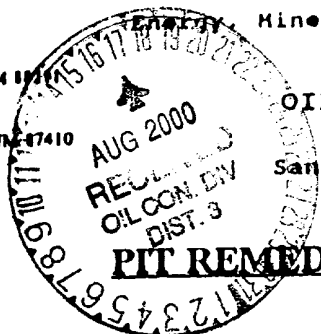


DISTRICT I
P.O. Box 1980, Hobbs, NM
DISTRICT II
P.O. Drawer DD, Artesia, NM 88201
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Minerals and Natural Resources Department

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

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



PIT REMEDIATION AND CLOSURE REPORT

Operator: Koch Exploration Co. Telephone: 505-894-9111
Address: PO Box 489 Aztec, NM 87410
Facility Or: Blancett Com 1 *enclosures*
Well Name _____
Location: Unit or Qtr/Qtr Sec G Sec 27 T 32N R 9W County San Juan
Pit Type: Separator ☒ Dehydrator ☒ other Center
Land Type: BLM ☐ State ☐ Fee ☒ Other ☐

Pit Location: Pit dimensions: length 20', width 22', depth 15'
(Attach diagram) Reference: wellhead ☒ other _____
Footage from reference: 75
Direction from reference: 55 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) 0

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) 0

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) 10

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: 9/22/95 Date Completed: 9/28/99
10/18/95
Remediation Method: Excavation ☒ Approx. cubic yards 250
(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: Contaminated soil removed and placed in an on-site landfarm.

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 15'

Sample date 10/18/95 Sample time 1045

Sample Results

Benzene (ppm) _____

Total BTEX (ppm) _____

Field headspace (ppm) 1.1

TPH ND 9572 ppm 10/25/00 Df

} 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

KOCH

DATE: 9/22/95
LOCATION: BLANETT COM 1 (CENTER PIT)

NOTES: CAME TO LOCATION TO EXCAVATE
EMPTYED PIT (CENTER) BY SEPARATORS
(2). REMOVE FLEXING, REMOVE NETTING

Depth PID (PRU)

S-6' 400

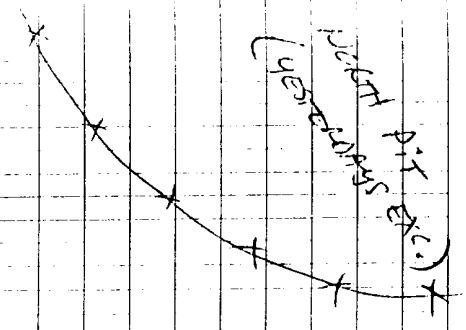
9-10' 36

EXCAVATION BASED ON VISUAL
SAMPLE NO. RESULTS (PRU)

BLAND-104 SOUTH 319

GAS DIESEL
18.3 57.2

1880.9



SEP

SEP

CENTER
EMPTYED
PIT

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: 25-Sep-95
COC No.: 3185
Sample No. 8322
Job No. 2-1000

Project Name: *Koch Exploration - Blancett Com 1*
Project Location: *BLAN-103 Pit Bottom Clearance (Center Pit)*
Sampled by: SA Date: 22-Sep-95 Time: 12:00
Analyzed by: DC Date: 25-Sep-95
Type of Sample: Soil

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
8322-3185	Koch Exploration - Blancett Com 1 BLAN-103 Pit Bottom Clearance (Center Pit)	9,572 mg/kg

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: *JaH*
Date: 9/25/95

P. O. BOX 2606 • FARMINGTON, NM 87499

- SERVING THE BUILDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-8786

TECHNOLOGIES, LTD.

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: **7-Oct-95**
 COC No.: **3185**
 Sample No. **8322**
 Job No. **2-1000**

Project Name: **Koch Exploration - Blancett Com 1**
 Project Location: **BLAN-103 Pit Bottom Clearance (Center Pit)**
 Sampled by: **SA** Date: **22-Sep-95** Time: **12:00**
 Analyzed by: **DC** Date: **5-Oct-95**
 Type of Sample: **Soil**

Laboratory Analysis

Analyte	Result	Units of Measure	Detection Limit	Units of Measure
Gasoline Range (C5 - C9)	54.9	mg/kg	5.0	mg/kg
Diesel Range (C10 - C28)	1880.9	mg/kg	5.0	mg/kg
	TOTAL	1935.7		mg/kg

Quality Assurance Report

GRO QC No.: **0429-STD**
 DRO QC No.: **0430-STD**

Calibration Check

Analyte	Method Blank	Units of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	< 10	ppb	1,351	1,422	5.3	15%
Diesel Range (C10 - C28)	< 5	ppm	2,000	1,988	0.6	15%

Matrix Spike

Analyte	1- Percent Recovered	2- Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	97	104	(70-130)	5	20%
Diesel Range (C10-C28)	98	101	(70-130)	2	20%

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

Approved by: *[Signature]*
 Date: **10/4/95**

P. O. BOX 2606 • FARMINGTON, NM 87499

— TRENDS IN REMEDIATING INDUSTRIES WITH THE ENVIRONMENT —

CHAIN OF CUSTODY RECORD

3185

Date: 9/25/95

Page

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

[illegible]

KOCH Exploration Company Risk Analysis

Prepared by:

Contract Environmental Services, Inc

Prepared for:

Oil Conservation Division -District III

Date: 7/31/97

Location: Blancett Com 1-Separator Pit Unit-G , Sec 27, T32N, R9W

Lease Number: SF-013642

Resources

Ground Water: 100 ft+ (Cathodic Protection Data) From Blancett Com 1C location near this well.

Closest Surface Water: No down gradient perennial bodies within 1000 feet (visual inspection of the area)

Water Sources: No private, domestic water source is located within 1000 feet of this site.

Stock Pond within 1000'

Risk Management

Natural Barriers: Soil is one natural barrier that will protect groundwater from site contamination.

Bedrock was encountered at 14-15' below ground level. Bedrock was found to be sandstone with alternating shale layers. Above the bedrock was a slightly cemented caliche layer.

Additional Investigation:

Field-testing and laboratory analysis was done on the soil from this investigation. All data is supported with laboratory result sheets and field data sheets found in this closure package.

Risk Analysis Contract Environmental Services, Inc.
Post Office Box 3376
Farmington, New Mexico 87499

Risk

The following table and conclusion summarize the risk this contamination sources poses to the ground water.

Table 2. Total risk table

RISK	CHOICE
Extremely Low	
Low	
Moderate	X
High	

The ground water under this site is at danger of being impacted by contamination from this site. From the low laboratory and field-test results it is concluded that the **risk of resource contamination is moderate.**

Risk Analysis

Contract Environmental Services,
Inc. Post Office Box 3376
Farmington, New Mexico 87499

Farmington, New Mexico 87499

Koch

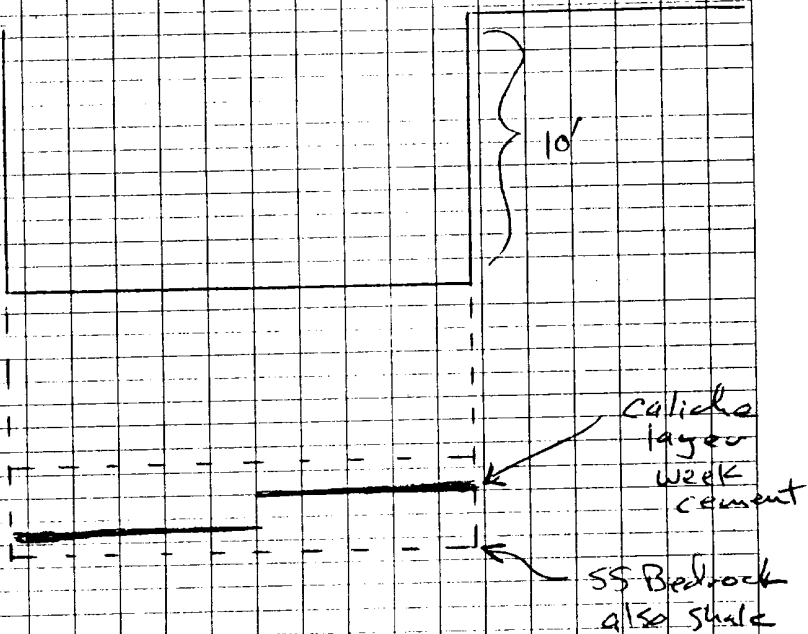
DATE: ~~10/15/81~~
 LOCATION: ~~Reposit~~

NOTES: CAME TO LOCATION TO DEEPEN
 CENTER PIT FROM 10' UNTIL WE GET
 A CLEAN SAMPLE. 2ND VISIT TO
 THIS SITE (PIT). SIERELA REUSABOITS
 TRANSPORTED BACKHUE. DUE EXCAV-
 ATION ANOTHER 5'-6" DEEP. TOOK
 ANOTHER 4 OZ. SOIL SAMPLE
 BLANK-400 TO PROCESS AT LAB
 RE-FENCED THE PIT AND BERMED
 THE NEW SOIL FARM.

PID DATA

Site	Depth	PID (Aug)	PID (WAX)
04	13'	23.6	94.6
05	15'	0.3	1.1

DOW PAGER - 324-2788



SAMPLE NO. LOCATION

RESULTS (PM)

BLANK-400

TOTAL PETROLEUM HYDROCARBONS EPA Method 418.1

Contract Environmental Services

Project ID: Koch Exploration
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Report Date: 10/19/95
Date Sampled: 10/18/95
Date Received: 10/18/95
Date Extracted: 10/19/95
Date Analyzed: 10/19/95

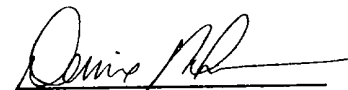
Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
BLAN - 400	1709	ND	16.5

ND- Analyte not detected at the stated detection limit.

Reference: Method 3550 - Sonication Extraction; Test Methods for Evaluating Solid Waste, SW-846, United States Environmental Protection Agency, September, 1986;
Method 418.1 - Petroleum Hydrocarbons, Total Recoverable; Chemical Analysis of Water and Waste, United States Environmental Protection Agency, 1978.

Comments:


Analyst


Review

ANALYTICA

ENVIRONMENTAL LABORATORY

807 S. CARLTON • FARMINGTON, NM 87401 • (505) 326-2395

PROJECT MANAGER:

Analytica Lab I.D.:

Company: Quanta Env. Services, Inc.
Address: 4200 Highway 28, Albuquerque

Phone:
Fax:

Bill To: Koch Exploration
Company: Joe Johnson
Address:

CHAIN OF CUSTODY

0015

Page ___ of ___

Sample ID				Date	Time	Matrix	Lab ID	ORGANIC ANALYSES				WATER ANALYSES				METALS		COMMENTS																													
36A-4001				10/18/95	10:45AM	Soil		X	Petroleum Hydrocarbons (418.1) Gasoline / Diesel (mod. 8015) Gasoline (GRO) Aromatic HCs BTEX/MTBE (602/8020) Chlorinated Hydrocarbons (8010) SDWA Volatiles (502.1/503.1) Chlorinated Pesticides / PCBs (608 / 8080) Herbicides (615 / 8150) Volatiles GC/MS (624 / 8240 / 8260) Base / Neutral / Acid GC/MS (625 / 8270) Polynuclear Aromatic Hydrocarbons (8100) TCLP Extraction Other (specify):				Cation / Anion Specific Cations (specify): Specific Anions (specify): BOD / Fecal / Total Coliform Solids : TDS / TSS / SS Nutrients: NH4+ / NO2- / NO3- / TKN Oil and Grease Other (specify):				Priority Pollutants RCRA Metals (Total) RCRA Metals TCLP (1311) Other (specify):																														
Project Information								Sample Receipt								Shaded areas for lab use only.																															
Proj. #:				No. Containers:				Y / N / NA				Sampled by:				Relinquished by:				Relinquished by:																											
Proj Name:				Custody Seals:				Received Intact:				Signature				Date: 10/18/95				Signature				Date:																							
P.O. No.				Received Cold				Company:				Signature				Date:				Signature				Date:																							
Required Turnaround Time (Prior Authorization Required for Rush)								Received By:								Received By:								Received By:																							
Signature								Date:								Signature								Date:								Signature								Date:							
Company:								Time:								Company:								Time:								Company:								Time:							