

State of New Mexico Energy, Minerals and Natural Resources Department

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

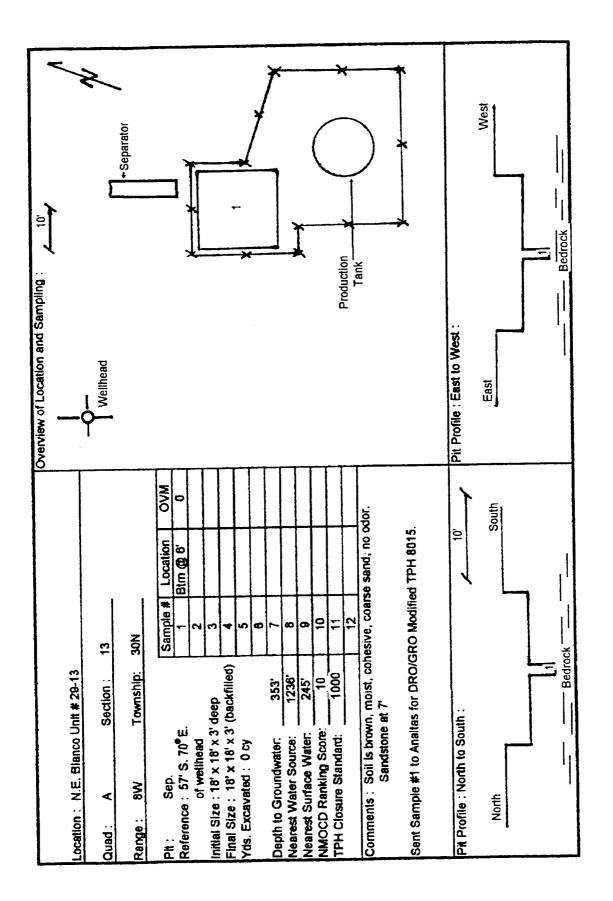
OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

PIT REMEDIATION AND CLOSURE REPORT

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Operator: <u>Devon</u>	Energy Corporation	Telephone: (505) 324	-0033	
Address: 3300 No	orth Butler Avenue, Suite 21	1, Farmington, NM 87401		
Facility Or: N. E. Well Name	Blanco Unit # 29-13			
Location: Unit or Qtr.	Otr Sec A Sec 13	T 30N R 8W County San Ju	ian	
Pit Type: Separator_	X Dehydrator	Other		
Land Type: BLM	, State	Fee X Other		
Pit Location: (Attach diagram)	Pit dimensions: Length Reference: wellhead X	18 ft , width 18 ft , depth other		
	Footage from reference: 5	7 ft		
	Direction from reference:70	of	X	
Depth to Ground Wat (vertical distance from contaminants to season highwater elevation of ground water)	n onal	Less than 50 feet 50 ft to 99 feet X Greater than 100 feet	(20 points) (10 points) (0 points)	0
Wellhead Protection (less than 200 feet fro domestic water source 1000 feet from all oth	m a private e, or: less than	Yes No	(20 points) (0 points)	0
Distance to Surface V	Vater:	Less than 200 feet	(20 points)	
(Horizontal distance	o perennial	X 200 feet to 1000 feet	(10 points)	
lakes, ponds, rivers, s irrigation canals and		Greater than 1000 feet	(0 points)	10
P:\pits\PrrC@.WK3		RANKING SCORE (TOTA	L POINTS):	10

Date Remediation Star	rted: <u>N/A</u>		Date Completed:	
	Excavation		Approx. cubic yards	
	Landfarmed		Insitu Bioremediation	
	Other			
		01	fsite	
Remediation Method:		Oi	isite	
(Check all appropriate	:			
sections)				
			howed soils to be clean 3' below pit	
bottom.				
Ground Water Encour	ntered:	10 <u>X</u>	Yes Depth	
ual Pit: ure Sampling: nutriple samples,	Sample location Co	enter of pit		
h sample results	Sample depth 3' below pit bottom			
i diagram of sample ations and depths)	Sample debut 2 (
-				
-	Sample date	5/9/97		
-				
-	Sample date	5/9/97		
-	Sample date	om)		
-	Sample dateSample Results Benzene(p) Total BTE	om)	Sample time	
-	Sample dateSample Results Benzene(pp Total BTE: Field Head	om) K (PPM) space (ppm) 0.0	Sample time	
-	Sample date Sample Results Benzene(pp Total BTE: Field Head	om)	Sample time	
tions and depths)	Sample dateS Sample Results Benzene(p) Total BTE Field Head	5/9/97 om) X (PPM) space (ppm) 0.0	Sample time	
ations and depths)	Sample dateS Sample Results Benzene(p) Total BTE Field Head	5/9/97 om) X (PPM) space (ppm) 0.0	Sample time	
Ground Water Sample:	Sample dateSample Results Benzene(p) Total BTE: Field Head TPH Yes	om) X (PPM) space (ppm) ND No X (Sample time	
Ground Water Sample: HEREBY CERTIFY TH	Sample dateSample Results Benzene(p) Total BTE Field Head TPH Yes	om) X (PPM) space (ppm) ND No X (Sample time	
Ground Water Sample: HEREBY CERTIFY TH F MY KNOWLEDGE A	Sample dateSample Results Benzene(p) Total BTE Field Head TPH Yes AT THE INFORMATION BELIEF.	om) X (PPM) space (ppm) ND NoX (ON ABOVE IS TRUE AND	Sample time if yes, attach sample results) COMPLETED TO THE BEST	
Ground Water Sample:	Sample dateSample Results Benzene(p) Total BTE Field Head TPH Yes AT THE INFORMATION BELIEF.	om) X (PPM) space (ppm) 0.0 ND No X (ON ABOVE IS TRUE AND PRINTED NAME	Sample time	

Client: Devon Energy



Environmental Specialist: MDR



TOTAL VOLATILE PETROLEUM HYDROCARBONS **Gasoline Range Organics**

Devon Energy

Project ID:

NEBU 29-13

Sample Matrix: Soil

Preservative: Condition:

Cool Intact Report Date:

06/05/97

Date Sampled: Date Received: 05/09/97 05/09/97

Date Extracted:

05/09/97

Date Analyzed:

05/13/97

Sample ID	Laple	emerileien (elen):	(Detection in mit (mg/kg)
Btm @6'	6894	ND	14.2

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate

% Recovery 87% Trifluorotoluene

Acceptance Limits

50 - 150%

Reference:

Method for the Determination of Gasoline Range Organics,

State of Tennessee, Department of Environment and Conservation, Division

of Underground Storage Tanks.



TOTAL RECOVERABLE PETROLEUM HYDROCARBONS **Diesel Range Organics**

Devon Energy

Project ID:

NEBU #29-13

Sample Matrix: Soil Preservative:

Cool

Condition:

Intact

Report Date:

06/05/97 05/09/97 Date Sampled:

Date Received:

05/09/97

Date Extracted:

05/09/97

Date Analyzed:

05/13/97

Semple (D)	विष्डा	Concentration (my/s)	Defection Limit (mg/kg)
Btm @ 6'	6894	ND	26.1

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate o - Terphenyl % Recovery 74%

Acceptance Limits

50 - 150%

Reference:

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas

Chromatography." Test Methods for Evaluating Solid Waste, Physical/

Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

QUALITY CONTROL REPORT TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Diesel Range Organics

Method Blank Analysis

NA Project ID: Sample Matrix: Soil Preservative: NA NA Condition:

Report Date: Date Sampled: Date Received: 05/23/97 NA

Date Extracted:

NA 05/09/97

Date Analyzed:

05/13/97

(Sample ID.	P. Lab-ID-	Concentration/ (mg/kg)	Detection Limits (mg/kg)
Method Blank	MB35559	ND	20.0

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate o - Terphenyl % Recovery 97%

Acceptance Limits 50 - 150%

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Reference:

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas

Chromatography." Test Methods for Evaluating Solid Waste. Physical/ Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

QUALITY CONTROL REPORT TOTAL RECOVERABLE PETROLEUM HYDROCARBONS **Diesel Range Organics**

Matrix Spike Analysis

Project ID:

NEBU #12-18

Report Date:

05/23/97

Sample Matrix:

Soil

Date Sampled:

05/09/97 05/09/97

Preservative:

Cool

Date Received: Date Extracted:

05/09/97

Condition:

Intact

Date Analyzed:

05/13/97

	Spike-Arided (rig/kg)	Original Core.	Spike Gonc	HPercent Recovery
6893Spike	3,940	ND	4,250	108%

ND- Analyte not detected at the stated detection limit.

Reference:

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by

Gas Chromatography." Test Methods for Evaluating Solid Waste. Physical/Chemical Methods, SW-846, 3rd Ed, Final Update I, July,

1992. USEPA.

Comments:

Analyst

Kluin /6

QUALITY CONTROL REPORT TOTAL VOLATILE PETROLEUM HYDROCARBONS

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Gasoline Range Organics

Method Blank Analysis

NA Project ID: Sample Matrix: Preservative:

Condition:

Soil NA NA

Report Date:

05/23/97

Date Sampled: Date Received: NA NA

Date Extracted:

05/09/97

Date Analyzed:

05/13/97

Semple: ID	restor(B)	eoneenfeilon - (ing/kg) - r	Dateoion/finit
Method Blank	MB35559	ND	22.5

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate

Trifluorotoluene

% Recovery 105%

Acceptance Limits 50 - 150%

Menie fh

Reference:

Method for the Determination of Gasoline Range Organics,

State of Tennessee, Department of Environment and Conservation, Division

of Underground Storage Tanks.

QUALITY CONTROL REPORT TOTAL VOLATILE PETROLEUM HYDROCARBONS

Gasoline Range Organics

Matrix Spike Analysis

Project ID:

NA

Report Date:

05/23/97

Sample Matrix:

Soil

Date Sampled: Date Received: NA

NA

Preservative: Condition:

NA NA

Date Extracted:

05/09/97

Date Analyzed

05/13/97

LabilD	- Spike Added (mg/kg)	Original Cond.	Spike Conc. (mg/kg)	Parcent : Recovery ::
MBSPK35563	2,560	ND	2,280	89%

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate

Trifluorotoluene

Percent Recovery 130%

Acceptance Limits

50 - 150%

Reference:

Method for the Determination of Gasoline Range Organics,

State of Tennessee, Department of Environment and Conservation,

Division of Underground Storage Tanks.

ANAITAS ETWINDERMEATERS

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Please Fill Out Thoroughly. White/Yellow: Analytica Shaded areas for lab use only. Ö COMMENTS Page_ Date: METALS Relinquished By: Received By: WATER ANALYSES Company Monita D. Rodahl 5-9-97 Monita(1). Acotable 59-97 13:15 **CHAIN OF CUSTODY** Date: 11:12 Cimparan Relinquished By: Received By: Signature ORGANIC ANALYSES : E Date 1. Cimar con Required Turnaround Time (Prior Authorization Required 64 Rush) Received By: Sampled By: Company: Signeture 5108 -Labor 12 Received Colon KFT/PC CURODY Seals: Y / N (NA) Dwon Engly Devon Energy Sample Receipt Jim Abbuy Received Intact: Proj. #: NEBU #29-13 No Containers: 1 807 S. CARLTON • FARMINGTON, NM 87401 • (505) 326-2395 Matrix Ī 5-9-97 11:12 Time PROJECT MANAGER:
Analytica Lab I.D.: Date Proj. Name: Sep. Dit Project Information Sample ID Shipped Via: Bym. @ Company: Company: P. O. No: Address: Address: Phone: BIII To: