#### District I

P.O. Bon 1996, Hobbs, NM

District Brown

P.O. Drawer DD, Artes NM 88211

District Bruty OIL & GAS INSPECTOR

JUN 23 1998

1000 Rio Brazos Rd, Aztec, NM 87410

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

An	nioved ?		
The state of the s	Energy Corporation	Telephone: (505) 324-0033	
Address: 3300 No	rth Butler Avenue, Suit	e 211, Farmington, NM 87401	
Facility Or: N. E. I Well Name	Blanco Unit # 73		
Location: Unit or Qtr/O	Qtr Sec L Sec 35	T 31N R 7W County San Juan	
Pit Type: Separator	X Dehydrator	Other	
Land Type: BLM	X , State		
Pit Location: (Attach diagram)	Pit dimensions: Length	15 ft , width 15 ft , depth 0 ft	
(Titudii diagidan)	Reference: wellhead	X other	
	Footage from reference:	80 ft	
	Direction from reference:	Degrees East North	
		X West South X	
Depth to Ground Wate		X Less than 50 feet (20 points) 50 ft to 99 feet (10 points)	
contaminants to season highwater elevation of ground water)		Greater than 100 feet (0 points)	20
Wellhead Protection A (less than 200 feet from		Yes (20 points)	
domestic water source	, or: less than	X No (0 points)	0
1000 feet from all other		Less than 200 feet (20 points)	
Distance to Surface W (Horizontal distance to		X 200 feet to 1000 feet (10 points)	
lakes, ponds, rivers, st irrigation canals and d	treams, creeks,	Greater than 1000 feet (0 points)	10
P:\pits\PrrC@.WK3		RANKING SCORE (TOTAL POINTS):	30

Date Remediation Star	ted: <u>N/A</u>	Date	e Completed:
	Excavation		Approx. cubic yards
	Landfarmed _	<del></del>	Insitu Bioremediation
	Other		
Remediation Method:	Onsite	Offs	ite
(Check all appropriate			
sections)			
		Initial assessment sho	
Ground Water Encoun	tered: No	X Ye	es Depth
nal Pit: sure Sampling:			ection of surface gradient (See
multiple samples, uch sample results		d diagram).	
ations and depths)		below pit bottom	
;	Sample date5/	29/97	Sample time
;	Sample Results		
	Benzene(ppm	n)	
	Total BTEX	(PPM)	_
	Field Headsp	ace (ppm)0.8	
	ТРН	<u>ND</u>	*
Ground Water Sample:	Yes	No X (if yo	es, attach sample results)
HEREBY CERTIFY THA F MY KNOWLEDGE AI		N ABOVE IS TRUE AND CO	OMPLETED TO THE BEST
ATE 2-27-9	9.\$'	PRINTED NAME	Jim Abbey
IGNATURE Jama	Kau	and TITLE	Operations Engineer
		2	

# FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: Location: N. E. Blanco Unit # 73  Operator #: Operator Name: P/L District:  Coordinates: Letter: _L Section 35 Township: 31N Range: 7W  Or Latitude Longitude  Pit Type: Dehydrator Location Drip: Line Drip: Other: Sep.  Site Assessment Date: 5-29-97
SITE ASSESSMENT	NMOCD Zone:  (From NMOCD  Maps)  Inside  Outside  Outside  Depth to Groundwater  Less Than 50 Feet (20 points)  Greater Than 100 Ft (0 points)  Wellhead Protection Area:  Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction?, or; Is it less than 200 ft from a private domestic water source?  Horizontal Distance to Surface Water Body  Less Than 200 Ft (20 points)  William (2)  Greater Than 1000 Ft (0 points)  Greater Than 200 Ft (20 points)  Mame of Surface Water Body  Coreater Than 1000 Ft (0 points)  Name of Surface Water Body  Points  Points  Total Hazard Ranking Score:  30  Points
REMARKS	Remarks :

z	ORIGINAL PIT LOCATION  Original Pit: a) Degrees from North <u>200</u> Footage from Wellhead <u>80'</u> b) Length: <u>15'</u> Width: <u>15'</u> Depth: <u>0'</u>
ORIGINAL PIT LOCATION	Surface separator gradient
	Fiberglass pit
KS	Remarks: Soil is brown-gray clay with rusty spots, moist, cohesive, no odor.  Sample was taken beside fiberglass pit in the direction of the surface gradient at a depth of 3'. The OVM reading was 0.8 ppm. The sample was sent to  Anaitas, Inc. for DRO/GRO 8015 analysis.
REMARKS	
	Completed By:  Milla D. Rodahl  5-29-97  Signature  Date

Client: Devon Energy

	Overview of Location and Sampling: 20'
Location: NEBU #73	
Quad: L Section: 35	Wellhead
Range: 7W Township: 31N	-
Pit: Sep. Sample # Location OVM	
d 2	
15' x 0' deep	
Yds. Excavated: 0 cy 5	Separator
Death to Groundwater: 47, 7	
>1000'	
Negrest Surface Water. 238' 9	Sign June 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
30	
TPH Closure Standard: 100 ppm 11	]
12	
Comments: Brown-gray clay with rusty spots, moist, cohesive, no	Surface
Jono	Gradient
Sent Sample #1 to Anaitas for DRO/GRO 8015.	
Pit Profile : North to South :	Pit Profile : East to West :
North	East

Environmental Specialist: MDR



## TOTAL RECOVERABLE PETROLEUM HYDROCARBONS **Diesel Range Organics**

#### **Devon Energy Corporation**

Project ID:

NEBU #73 - Separator Pit

06/13/97

Sample Matrix: Soil

Report Date:

Date Sampled: Date Received: 05/29/97

Preservative: Condition:

Cool Intact

Date Extracted:

05/29/97 06/05/97

Date Analyzed:

06/12/97

Sample (D)	iens (b)	(month): Colombialismon	(ගල/ <b>්ල</b> ).
Btm @ 3'	7012	ND	30.4

ND- Analyte not detected at the stated detection limit.

**Quality Control:** 

Surrogate

o - Terphenyl

% Recovery 91%

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.

Comments:



## TOTAL VOLATILE PETROLEUM HYDROCARBONS

#### **Gasoline Range Organics**

#### **Devon Energy Corporation**

Project ID:

NEBU #73 - Separator Pit

06/16/97

Sample Matrix: Soil

Report Date: Date Sampled:

05/29/97

Preservative:

Cool

Date Received: Date Extracted: 05/29/97

Condition:

Intact

Date Analyzed:

06/05/97 06/12/97

Sample (D)	* Lade	Concentration (mg/kg):	ોાગાં ાણો કોલ્લો (છોલા)
Btm @ 3'	7012	ND .	32.6

ND- Analyte not detected at the stated detection limit.

**Quality Control:** 

Surrogate

Trifluorotoluene

% Recovery 98%

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.

Comments:

June MD

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

#### Method Blank Analysis

Project ID:

Condition:

NA

Sample Matrix: Soil Preservative:

NA NA Report Date:

06/13/97

Date Sampled:

NA

Date Received:

NA

Date Extracted:

06/05/97

Date Analyzed:

06/12/97

Sample LD	LED (D)	ુલા(લ્લાહિયાં) (ભાષ્ટ્રીયુલ):	Detector unit
Method Blank	MB35586	ND	20.0

ND- Analyte not detected at the stated detection limit.

**Quality Control:** 

**Surrogate** 

o - Terphenyl

% Recovery 98%

**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.

Comments:

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

#### Matrix Spike Analysis

Project ID:

NA

Report Date:

06/13/97

Sample Matrix: Preservative:

Condition:

Soil

Date Sampled: Date Received:

NA NA

NA NA

Date Extracted: 06/05/97

Date Analyzed:

06/10/97

(Eab (E)	Spike koded	(0.01/0);	Solke Code.	iPagani
	(ngike)	(0.01/0);	(nojke);	iRecovery
MBSPK35591	2,260	ND	2,050	91%

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:

Manuel Manager

## QUALITY CONTROL REPORT TOTAL VOLATILE PETROLEUM HYDROCARBONS **Gasoline Range Organics**

#### Method Blank Analysis

Project ID:

NA

Report Date:

06/12/97

Sample Matrix: Soil Preservative:

Condition:

Date Sampled:

NA

NA

NA

Date Received:

NA

Date Extracted: Date Analyzed:

06/05/97 06/12/97

Concentration: Detection Limit

: Samotale-	(قالارتغاد	((1.61/6))  coneausini	((uō/kc):
Method Blank	MB35586	ND	22.5

ND- Analyte not detected at the stated detection limit.

**Quality Control:** 

Surrogate

Trifluorotoluene

% Recovery 103%

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.

Comments:

Ini Al

# QUALITY CONTROL REPORT TOTAL VOLATILE PETROLEUM HYDROCARBONS

#### **Gasoline Range Organics**

#### **Matrix Spike Analysis**

Project ID:

NA

Report Date:

06/12/97

Sample Matrix:

Soil

Date Sampled:
Date Received:

NA

Preservative: Condition:

NA NA

Date Extracted:

NA 06/05/97

Date Analyzed

06/12/97

	Snike/voteri	ાંગાના લેગાલ	Spike Cone	्र स्वाटनार
	(mg/kg)	(કોણાંમાં):	(nove)	रहेटलानार
MBSPK35593	2,100	ND	1,760	84%

ND- Analyte not detected at the stated detection limit.

**Quality Control:** 

Surrogate

Trifluorotoluene

Percent Recovery

Acceptance Limits

111%

50 - 150%

Reference:

Method for the Determination of Gasoline Range Organics,

State of Tennessee, Department of Environment and Conservation,

Division of Underground Storage Tanks.

Comments:

Analyst

Review

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ENVIRONMENTAL	LABS				CHAIN OF CUSTODY	إخ			Pageof
807 S. CARLTON - FARMINGTON. NM 87401 - (505) 326-2395	M 87401 • (505) 326-2395	0  -  -	ORGANIC ANALYSES	YSES	W.	TER AN	WATER ANALYSES	METALS	COMMENTS
PROJECT MANAGER: Anaitas Lab I.D.:		(07	(0808				N		
Company:	Deven Energy	(e05 \ 805 12)	3.1) SBs (608 / 1	2 (ese / 83		U	NO3- / TK		
Phone: Fax:		os .bom) l	(502.1 / 50: icides / PC (0218 /	Acid GC/M		al Coliforn	/ -20N /	(lato	
Bill To: Company: Address:	Devon Energy	oleum Hydro oline (GRO) oline (GRO)	by Holatinates (NA) AV Volatiles (See Pesinate) Avainated Pesinates (Sta) abioic	tiles GC/MS	or (specify): cific Cations cific Anions	oT \ Fecal \ To ST \ SOT :st	ients: NH4+ ind Grease er (specify):	tity Pollutant T Abstal Af T alstaM Af T (Ylioeqs):	
Sample ID Date	Time Matrix Lab ID	Gas Gas Io1A	Heu CPIC 2DA	Bas	itsO Spe	BOD	3 110	HOF HOF	
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						_			
	-								
Project Information	ecelpt	Sampled By:		Relinquished By:			Relinquished By:		
Proj. #:		Signature	Date:	Signature	<b>Q</b>	Date:	Signature	Date:	
Proj. Name: WEBU 773	/ N / NA	MONICA D. Poolin	Pool 5-7997	197 Marille	Monical Roland	5. AG			Please Fill Out Thoroughly.
	Neoelved Intact:	Company:	-			:: E::	Сотрвлу:	Time:	
	Received Cold:	( max con	05:21 U	-		9:5			Shaded areas
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		Signature	Date:	Signature	0	Date:	A 1/47 1 A	MAW.	White/Yellow: Anaitas
		Company:	Time:	Company:	F		がます	K 0/3 : 32	Tilk. Cight
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