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

Tommy D. Trust
DEPUTY OIL & GAS INSPECTOR
JUN 23 1998

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

Approved

Operator : Devon Energy Corporation Telephone: (505) 324-0033

Address: 3300 North Butler Avenue, Suite 211, Farmington, NM 87401

Facility Or: N. E. Blanco Unit # 74
Well Name

Location: Unit or Qtr/Qtr Sec M Sec 26 T 31N R 7W County San Juan

Pit Type: Separator X Dehydrator _____ Other _____

Land Type: BLM X, State _____, Fee _____, Other _____

Pit Location: (Attach diagram)
Pit dimensions: Length 15 ft, width 15 ft, depth 1 ft
Reference: wellhead X other _____
Footage from reference: 84 ft
Direction from reference: 40 Degrees _____ East North _____ of
X West South X

Depth to Ground Water: (vertical distance from contaminants to seasonal highwater elevation of ground water) 224 ft	_____	Less than 50 feet	(20 points)
	_____	50 ft to 99 feet	(10 points)
	X	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)
	X	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)
	X	200 feet to 1000 feet	(10 points)
	_____	Greater than 1000 feet	(0 points) 10

RANKING SCORE (TOTAL POINTS): 10

P:\pits\PrrC@.WK3

Date Remediation Started: N/A Date Completed: _____

Excavation _____ Approx. cubic yards _____

Landfarmed _____ Insitu Bioremediation _____

Other _____

_____

Remediation Method: Onsite _____ Offsite _____

(Check all appropriate _____

sections)

General Description of Remedial Action : Initial assessment showed soils to be clean 3' below pit bottom.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit:
Closure Sampling:
(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location Center of pit

Sample depth 3' below pit bottom

Sample date 5/29/97 Sample time _____

Sample Results

Benzene(ppm) _____

Total BTEX (PPM) _____

Field Headspace (ppm) 2.2

TPH ND

Ground Water Sample: Yes _____ No X (if yes, attach sample results)

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

DATE 2-27-98 PRINTED NAME Jim Abbey

SIGNATURE James R Abbey and TITLE Operations Engineer

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: _____ Location: N. E. Blanco Unit # 74

Operator #: _____ Operator Name: _____ P/L District: _____

Coordinates: Letter: M Section 26 Township: 31N Range: 7W

Or Latitude _____ Longitude _____

Pit Type: Dehydrator ___ Location Drip: ___ Line Drip: ___ Other: Sep.

Site Assessment Date: 5-29-97 Area: Middle Run: ___

SITE ASSESSMENT

NMOCD Zone: (From NMOCD Maps) Inside [X] (1) Outside [ ] (2)

Land Type: BLM [X] (1) State [ ] (2) Fee [ ] (3) Indian _____

Depth to Groundwater

Less Than 50 Feet (20 points) [ ] (1)

50 Ft to 99 Ft (10 points) [ ] (2)

Greater Than 100 Ft (0 points) [X] (3)

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? [ ] (1) YES (20 points) [X] (2) NO (0 points)

Horizontal Distance to Surface Water Body

Less Than 200 Ft (20 points) [ ] (1)

200 Ft to 1000 Ft (10 points) [X] (2)

Greater Than 1000 Ft (0 points) [ ] (3)

Name of Surface Water Body Navajo Lake

(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)

Distance to Nearest Ephemeral Stream [ ] (1) < 100' (Navajo Pits Only)

[ ] (2) > 100'

TOTAL HAZARD RANKING SCORE: 10 **POINTS**

REMARKS

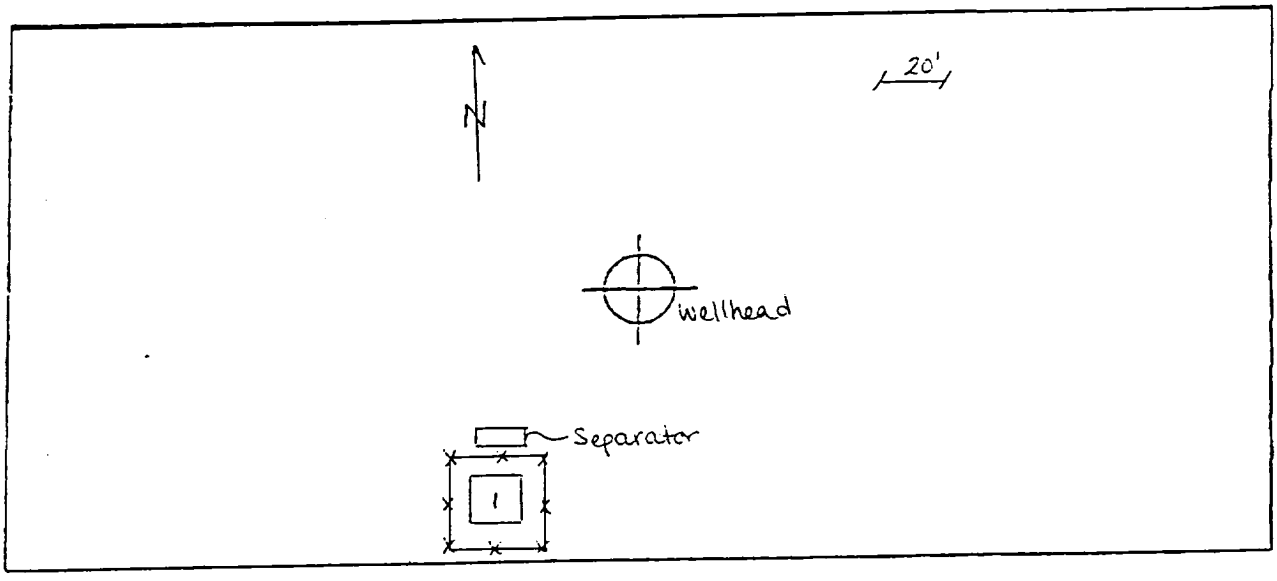
Remarks : _____

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 220 Footage from Wellhead 84'

b) Length : 15' Width : 15' Depth : 1'



REMARKS

Remarks :

Soil is brownish-gray sandy clay, moist, no odor.

Sample taken from center bottom of pit @ 4' deep gave an OVM reading of 2.2 ppm.

The sample was sent to Anaitas for DRO/GRO 8015 analysis.

Completed By:

Monica D. Rodahl

Signature

5-29-97

Date

Client : Devon Energy

Date Started : 29 May 1997 Date Completed : 29 May 1997

Location : NEBU # 74

Quad : M Section : 26

Range : 7W Township: 31N

Pit : Sep.
Reference : 84' N. 220°
from wellhead
Initial Size : 15' x 15' x 1' deep
Final Size : 15' x 15' x 1' deep
Yds. Excavated : 0 cy

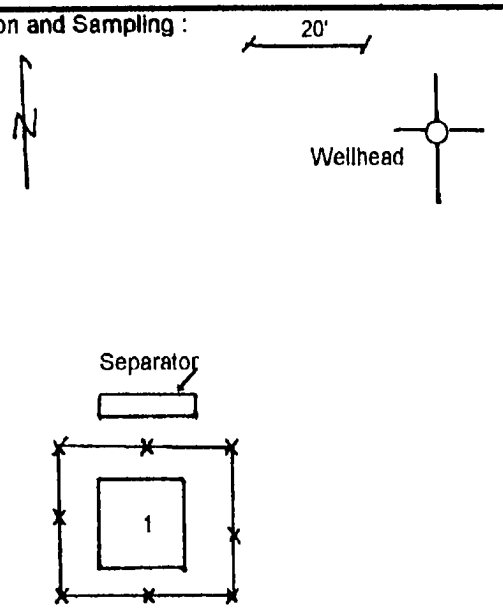
Depth to Groundwater:	224'
Nearest Water Source:	>1000'
Nearest Surface Water:	850'
NMOCD Ranking Score:	10
TPH Closure Standard:	1000 ppm

Sample #	Location	OVM
1	Btm. @ 4'	2.2
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

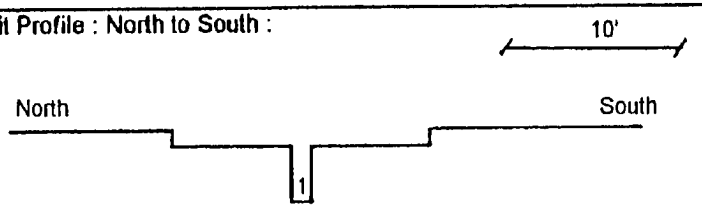
Comments : Brownish-gray sandy clay, moist, no odor

Sent Sample #1 to Anaitas for DRO/GRO 8015.

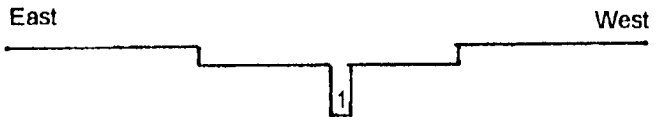
Overview of Location and Sampling :



Pit Profile : North to South :



Pit Profile : East to West :



Environmental Specialist : MDR

Cimarron Oilfield Services

ANAITAS ENVIRONMENTAL LABS

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Diesel Range Organics

Devon Energy Corporation

Project ID:	NEBU #74 - Separator Pit	Report Date:	06/13/97
Sample Matrix:	Soil	Date Sampled:	05/29/97
Preservative:	Cool	Date Received:	05/29/97
Condition:	Intact	Date Extracted:	06/05/97
		Date Analyzed:	06/10/97

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Btm @ 4'	7013	ND	27.4

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate	% Recovery	Acceptance Limits
o - Terphenyl	86%	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:

Analyst

Review

ANAITAS ENVIRONMENTAL LABS

TOTAL VOLATILE PETROLEUM HYDROCARBONS

Gasoline Range Organics

Devon Energy Corporation

Project ID:	NEBU #74 - Separator Pit	Report Date:	06/16/97
Sample Matrix:	Soil	Date Sampled:	05/29/97
Preservative:	Cool	Date Received:	05/29/97
Condition:	Intact	Date Extracted:	06/05/97
		Date Analyzed:	06/12/97

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Btm @ 4'	7013	ND	36.8

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate	% Recovery	Acceptance Limits
Trifluorotoluene	98%	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

QUALITY CONTROL REPORT
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
Diesel Range Organics

Method Blank Analysis

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

Report Date: 06/13/97
Date Sampled: NA
Date Received: NA
Date Extracted: 06/05/97
Date Analyzed: 06/10/97

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Method Blank	MB35586	ND	20.0

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate	% Recovery	Acceptance Limits
o - Terphenyl	92%	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:

Analyst

Review

QUALITY CONTROL REPORT
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
Diesel Range Organics

Matrix Spike Analysis

Project ID:	NA	Report Date:	06/13/97
Sample Matrix:	Soil	Date Sampled:	NA
Preservative:	NA	Date Received:	NA
Condition:	NA	Date Extracted:	06/05/97
		Date Analyzed:	06/10/97

Lab ID	Spike Added (mg/kg)	Original Conc (mg/kg)	Spike Conc (mg/kg)	% Percent Recovery
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:

Analyst

Review

QUALITY CONTROL REPORT
TOTAL VOLATILE PETROLEUM HYDROCARBONS
Gasoline Range Organics

Method Blank Analysis

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

Report Date: 06/12/97
Date Sampled: NA
Date Received: NA
Date Extracted: 06/05/97
Date Analyzed: 06/12/97

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Method Blank	MB35586	ND	22.5

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate	% Recovery	Acceptance Limits
Trifluorotoluene	103%	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

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:	NA
Preservative:	NA	Date Received:	NA
Condition:	NA	Date Extracted:	06/05/97
		Date Analyzed	06/12/97

Lab ID	Spike Added (mg/kg)	Original Conc. (mg/kg)	Spike Conc. (mg/kg)	Percent Recovery
MBSPK35593	2,100	ND	1,760	84%

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate	Percent Recovery	Acceptance Limits
Trifluorotoluene	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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ANAITAS ENVIRONMENTAL LABS

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

CHAIN OF CUSTODY

Page 1 of 1

PROJECT MANAGER:
Anaitas Lab I.D.:

Company: Devon Energy
Address:

Phone:
Fax:

Bill To: Devon Energy
Company:
Address:

Sample ID	Date	Time	Matrix	Lab ID
Btm @ 4'	5.29.97	12:14	Soil	

ORGANIC ANALYSES														
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):		
	✓													

WATER ANALYSES								
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):	

METALS				
Priority Pollutants	RCRA Metals (Total)	RCRA Metals TCLP (1311)	Other (specify):	

COMMENTS
Cool

Project Information	Sample Receipt
Proj. #:	No. Containers:
Proj. Name: NEBU #74	Custody Seals: Y / N / NA
P. O. No: Sep. Pit	Received Intact:
Shipped Via:	Received Cold:
Required Turnaround Time (Prior Authorization Required for Rush)	

Sampled By:	Relinquished By:	Relinquished By:
Signature / Date: Monica D. Peterson 5.29.97	Signature / Date: Monica D. Peterson 5.29.97	Signature / Date:
Company: / Time: Cimarron 12:14	Company: / Time: 16:39	Company: / Time:
Received By:	**Received By:**	**Received By:**
Signature / Date:	Signature / Date:	Signature / Date: 5.29.97
Company: / Time:	Company: / Time:	Company: Anaitas / Time: 1639

Please Fill Out Thoroughly.

Shaded areas for lab use only.

White/Yellow: Anaitas
Pink: Client