Jerry D. Foust
DEPUTY OIL & GAS INSPECTOR

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III JUN 23 1998
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

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

Approved

PIT REMEDIATION AND CLOSURE REPORT

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

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

Facility Or: N. E. Blanco Unit # 34A
Well Name

Location: Unit or Qtr/Qtr Sec L Sec 18 T 30N R 7W County San Juan

Pit Type: Separator X Dehydrator _____ Other Production Tank

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

Pit Location: (Attach diagram)
Pit dimensions: Length 15 ft, width 15 ft, depth 4 ft
Reference: wellhead X other _____
Footage from reference: 108 ft
Direction from reference: 0 Degrees _____ East North _____ of
X West South _____

Depth to Ground Water: (vertical distance from contaminants to seasonal highwater elevation of ground water) 162 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

P:\pits\PrrC@.WK3

RANKING SCORE (TOTAL POINTS): **30**

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 bottom of pit

Sample depth 3' below pit bottom

Sample date 5/13/97 Sample time _____

Sample Results

Benzene(ppm) _____

Total BTEX (PPM) _____

Field Headspace (ppm) 2.9

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 Jim K Abbey and TITLE Operations Engineer

Client :_Devon Energy__ Date Started :___13 May 1997_____Date Completed :___13 May 1997_

Location : N.E. Blanco Unit No. 34 A

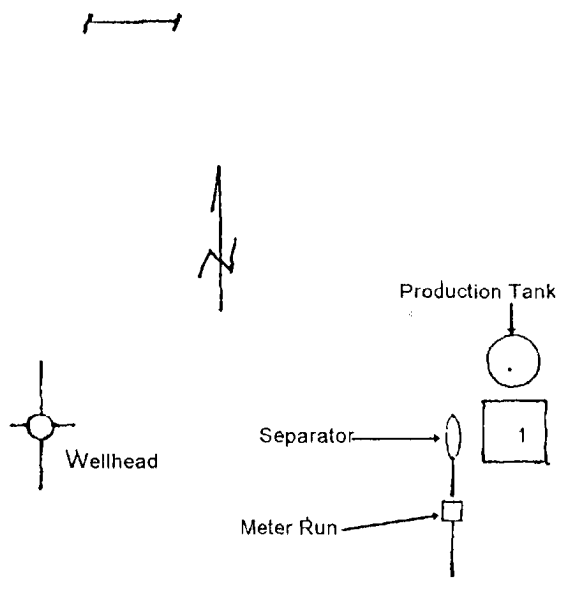
Quad : "L" Section : 18

Range : 7 W Township: 30 N

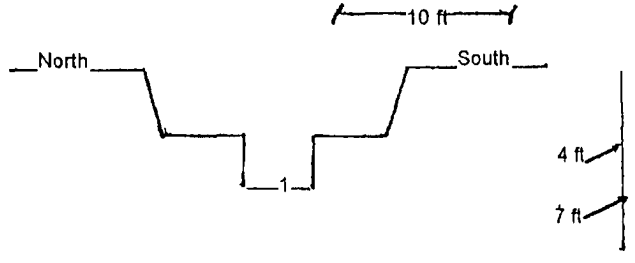
		Sample #	Location	OVM
Pit : Sep/Prod				
Reference :		1	C. Btm @ 7'	2.9
108' West of wellhead		2		
Initial Size 15' x 15' x 4' deep		3		
Final Size 15' x 15' x 4' deep		4		
Yds. Excavated :		5		
0		6		
Depth to Groundwater:	162	7		
Nearest Water Source:	>1000'	8		
Nearest Surface Water:	374	9		
NMOCD Ranking Score:	10	10		
TPH Closure Standard:	1000 ppm	11		
		12		

Comments : Soil is moist, brown, sand with cobble6"+ in diameter No hydrocarbon staining or odor apparent. Sample # 1 sent to Anaitas Labs for modified 8015 TPH analysis. Double bottom steel pit installed.

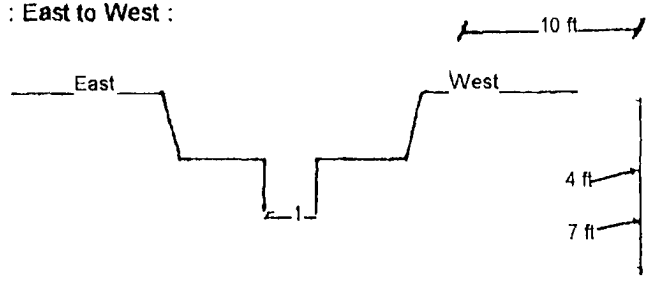
Overview of Location and Sampling :



Pit Profile : North to South :



Pit Profile : East to West :



Environmental Specialist : F. McD. **Cimarron Oilfield Services** Page ___1___ of ___1___

TOTAL VOLATILE PETROLEUM HYDROCARBONS

Gasoline Range Organics

Devon Energy Corporation

Project ID:	NEBU #34A	Report Date:	07/07/97
Sample Matrix:	Soil	Date Sampled:	05/13/97
Preservative:	Cool	Date Received:	05/14/97
Condition:	Intact	Date Extracted:	05/19/97
		Date Analyzed:	05/20/97

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Btm @ 7'	6900	ND	29.2

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate	% Recovery	Acceptance Limits
Trifluorotoluene	95%	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

ANAITAS ENVIRONMENTAL LABS

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Diesel Range Organics

Devon Energy Corporation

Project ID:	NEBU 34A	Report Date:	07/07/97
Sample Matrix:	Soil	Date Sampled:	05/13/97
Preservative:	Cool	Date Received:	05/14/97
Condition:	Intact	Date Extracted:	05/19/97
		Date Analyzed:	05/19/97

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Btm @ 7'	6900	ND	30.7

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate	% Recovery	Acceptance Limits
o - Terphenyl	103%	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

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

CHAIN OF CUSTODY

Page ____ of ____

PROJECT MANAGER:
Analytica Lab I.D.:

Company: CIMARRON
Address:
Phone: 326-6991
Fax:
Bill To: DEVON
Company:
Address:

Sample ID	Date	Time	Matrix	Lab ID	ORGANIC ANALYSES (GRO/DRO)	WATER ANALYSES	METALS	COMMENTS
B/A @ 7'	5/13/97	10:00	Soil		X			

Project Information	Sample Receipt
Proj. #:	No. Containers: 1
Proj. Name: NEBU #34A	Custody Seals: (N) / N / NA
P. O. No:	Received Intact: Yes
Shipped Via:	Received Cold: Yes

Required Turnaround Time (Prior Authorization Required for Rush)

Sampled By:	Relinquished By:	Relinquished By:
Signature / Date: [signature] 5/14/97	Signature / Date: [signature] 5/14/97	Signature / Date:
Company: / Time: CIMARRON 7:57	Company: / Time: CIMARRON 7:57	Company: / Time:
Received By:	**Received By:**	**Received By:**
Signature / Date:	Signature / Date:	Signature / Date: [signature] 051497
Company: / Time:	Company: / Time:	Company: / Time: 0757

Please Fill Out Thoroughly.

Shaded areas for lab use only.

White/Yellow: Analytica
Pink: Client

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: 07/07/97
Date Sampled: NA
Date Received: NA
Date Extracted: 05/19/97
Date Analyzed: 05/20/97

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Method Blank	MB35569	ND	22.5

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate	% Recovery	Acceptance Limits
Trifluorotoluene	90%	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:	07/07/97
Sample Matrix:	Soil	Date Sampled:	NA
Preservative:	NA	Date Received:	NA
Condition:	NA	Date Extracted:	05/19/97
		Date Analyzed	05/20/97

Lab ID	Spike Added (mg/kg)	Original Conc. (mg/kg)	Spike Conc. (mg/kg)	Percent Recovery
MBSPK35570	3,920	ND	2,860	73%

ND- Analyte not detected at the stated detection limit.

Quality Control:	Surrogate	Percent Recovery	Acceptance Limits
	Trifluorotoluene	101%	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

Duplicate Analysis

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

Report Date: 07/07/97
Date Sampled: 05/16/97
Date Received: 05/19/97
Date Extracted: 05/19/97
Date Analyzed: 05/20/97

Lab ID	Sample Conc. (mg/kg)	Duplicate Conc. (mg/kg)	Percent Difference
6937dup	ND	ND	NA

ND- Analyte not detected at the stated detection limit.

Quality Contro	Surrogate	% Recovery	Acceptance Limits
	Trifluorotoluene	83%	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	Report Date:	07/07/97
Sample Matrix:	Soil	Date Sampled:	NA
Preservative:	NA	Date Received:	NA
Condition:	NA	Date Extracted:	05/19/97
		Date Analyzed:	05/19/97

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Method Blank	MB35569	ND	20.0

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate	% Recovery	Acceptance Limits
o - Terphenyl	93%	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:	07/07/97
Sample Matrix:	Soil	Date Sampled:	NA
Preservative:	NA	Date Received:	NA
Condition:	NA	Date Extracted:	05/19/97
		Date Analyzed:	05/19/97

Lab ID	Spike Added (mg/kg)	Original Conc. (mg/kg)	Spike Conc (mg/kg)	Percent Recovery
MBSPK35569	2,300	ND	1,810	79%

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 RECOVERABLE PETROLEUM HYDROCARBONS
Diesel Range Organics

Duplicate Analysis

Project ID: NEBU #242
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Report Date: 07/02/97
Date Sampled: 05/14/97
Date Received: 05/14/97
Date Extracted: 05/19/97
Date Analyzed: 05/19/97

Lab ID	Sample Conc. (mg/kg)	Duplicate Conc. (mg/kg)	Percent Difference
6908DUP	392	392	0%

ND- Analyte not detected at the stated detection limit.

Quality Contro

Surrogate	% Recovery	Acceptance Limits
o - Terphenyl	94%	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