

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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



**PIT REMEDIATION AND CLOSURE REPORT**

Operator: Devon Energy (Williams Field Services) Telephone: (801) 584-6361  
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900  
WellName: NE BLANCO #78 ( 85696 )  
Location: Unit or Qtr/Qtr Sec W Sec 21 T 31N R 7W County San Juan  
PitType Dehydrator  
LandType: Fee

Pit Location: Pit dimensions: length 16 ft., width 16 ft., depth 8 ft.  
(Attach diagram)

Reference: Wellhead

Footage from reference: 100 ft.

Direction from reference: 50 Degrees West of South

Depth To Ground Water:	Less than 50 feet	(20 points)
(Vertical distance from	50 feet to 99 feet	(10 points)
contaminants to seasonal	Greater than 100 feet	(0 points) <u>0</u>
high water elevation of		
ground water)		

Wellhead Protection Area:	Yes	(20 points)
(Less than 200 feet from a private	No	(0 points) <u>0</u>
domestic water source, or; less than		
1000 feet from all other water sources)		

Distance To Surface Water:	Less than 200 feet	(20 points)
(Horizontal distance to perennial	200 feet to 1,000 feet	(10 points)
lakes, ponds, rivers, streams, creeks,	Greater than 1,000 feet	(0 points) <u>0</u>
irrigation canals and ditches)		

Ranking Score (TOTAL POINTS): 0

Date Remediation Started: 9/21/99

Date Completed: 9/27/99

Remediation Method: Excavation ☒  
(check all appropriate sections)

Approx. Cubic Yard 76

Landfarmed ☒

Insitu Bioremediation

Other Landfarmed soil after mechanical aeration. LF Headspace 0 ppm.

Remediation Location: Onsite ☒ Offsite(ie. landfarmed onsite,  
name and location of  
offsite facility)

## General Description Of Remedial Action:

The pit was excavated to remove gross petroleum contamination. The excavated material was mechanically aerated and placed into an onsite landfarm.

Ground Water Encountered: No

Final Pit:

Sample location NE BLANCO 78-V-EXFL-01

Closure Sampling:

(if multiple samples, attach  
sample results and diagram  
of sample locations and  
depths)

Two samples were collected, one sample from the excavation bottom and the second sample was made up of 4 points from each excavation wall.

Sample depth 8 feet

Sample date 9/21/99

Sample time 13:48

Sample Result

Benzene (ppm) &lt;0.05

Total BTEX (ppm) &lt;0.05

Field Headspace (ppm)

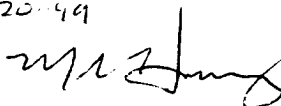
TPH (ppm) &lt;2.0

Ground Water Sample: No

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

DATE 12-20-99

SIGNATURE



PRINTED NAME Mark Harvey for Williams Field Services  
AND TITLE

# PIT RETIREMENT FORM

85696

Date: 9-21-99

Weather CLR, WARM 80°F

Well Name NE BLANCO #78 Operator DEVON ENERGY

Sec 21 T 31N R 7W UL

and Type: BLM STATE (FEE) INDIAN

County SAN JUAN

One Call Made (505-765-1234)?

(Y) N

Line Marking Evident? 1800 321 2337

(Y) N

## Pit Location:

Reference Wellhead X Other

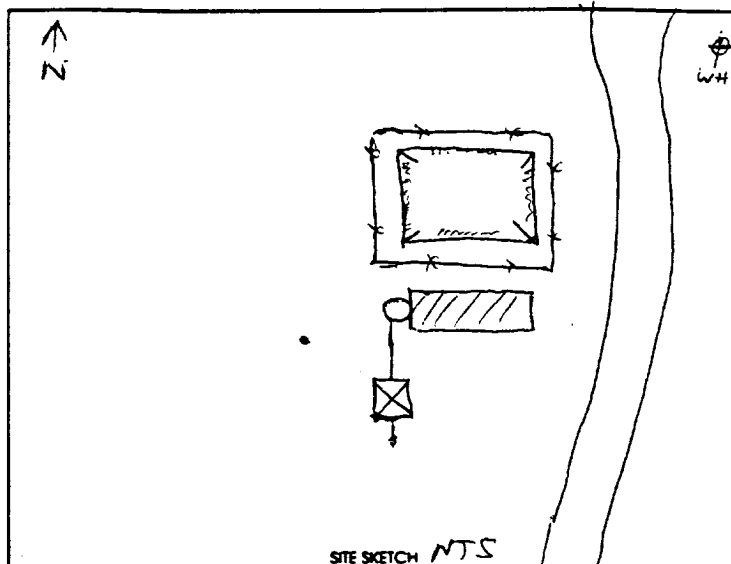
Distance from: 100'

Direction: 50 Degrees      E      N

X W of X S

Starting Pit Dimensions 16 x 16 x 3

Final Pit Dimensions 16 x 16 x 8



Organic Vapor Readings: Start N/A

@ 2'       
@ 4'       
@ 6'       
@ 8'       
@       
@     

Soil Description:

0-8' BRN/GRAY CLAYEY SILT W/ TR. OF V. FINE SAND

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE

Arroyo, Wash, Lake, Stream >1000'

Estimated or Known Distance to Ground Water >100'

Source of Backfill (If other than processed material)

Samples collected: Type

Progress: Verification

ID NE BLANCO #78-V-EXFL-01

(soil) / water

Progress: Verification

ID NE BLANCO #78-V-EXWA-01

(soil) / water

Progress: Verification

ID

soil / water

Sample sent to Lab Via: Courier

Hand Carried

Other

Preservative: ICE

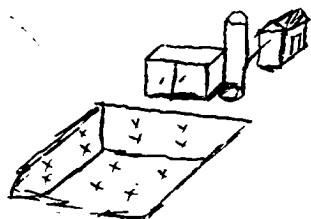
Other

## Comments:

12:45- CIP CREW OUT TO SET TEMPORARY TANK AT  
NETTY UNIT. SOIL HAS MOD. GLYCOL DROPPED, EXCAVATE  
TO 8' bgs. SHRED MATERIAL & LANDFARM ON SITE

Soil Shipped to: ON-SITE LF

Prepared by: JPS



(pit sketch-show sample pts.)

## QWAL LABORATORIES, INC.

2911 ROTARY TERRACE, P.O. BOX 562/PITTSBURG, KS 66762/(316)232-1970

## LABORATORY REPORT:

REFERENCE #: 9909783

SENT WILLIAMS FIELD SERVICE  
 TO: 295 CHIPETA WAY  
 SALT LAKE CITY, UTAH 84158  
 MARK HARVEY

DATE REPORTED: 09/29/99  
 DATE COLLECTED: 09/21/99  
 DATE RECEIVED: 09/23/99

PROJECT: WFS/IGN-NM PITS

Reference Fraction: 9909783-15A  
 Sample ID: NE BLANCO 78-V-EXFL-01  
 Sample Date Collected: 09/21/99 13:48:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	ND	MG/KG	2	09/25/99	BEM
BTEX	OA1/8021B			3.0		
BENZENE		ND	MG/KG	0.050	09/28/99	KKL
TOLUENE		ND	MG/KG	0.050	09/28/99	KKL
ETHYLBENZENE		ND	MG/KG	0.050	09/28/99	KKL
TOTAL XYLENES		ND	MG/KG	0.050	09/28/99	KKL
BFB (SURROGATE)		80	125	75		
QA/QC PACKAGE LEVEL	NONE		SU			

ND=NONE DETECTED

PQL=PRACTICAL QUANTITATION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:

*Terry Koester*  
 TERRY KOESTER  
 LABORATORY DIRECTOR

PK

## QWAL LABORATORIES, INC.

2911 ROTARY TERRACE, P.O. BOX 562/PITTSBURG, KS 66762/(316)232-1970

## LABORATORY REPORT:

REFERENCE #: 9909783

SENT WILLIAMS FIELD SERVICE  
TO: 295 CHIPETA WAY  
SALT LAKE CITY, UTAH 84158  
MARK HARVEY

DATE REPORTED: 09/29/99  
DATE COLLECTED: 09/21/99  
DATE RECEIVED: 09/23/99

PROJECT: WFS/IGN-NM PITS

Reference Fraction: 9909783-14A  
Sample ID: NE BLANCO 78-V-EXWA-01  
Sample Date Collected: 09/21/99 13:40:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	ND	MG/KG	2	09/25/99	BEM
BTEX	OA1/8021B			3.0		
BENZENE		0.076	MG/KG	0.050	09/28/99	KKL
TOLUENE		ND	MG/KG	0.050	09/28/99	KKL
ETHYLBENZENE		ND	MG/KG	0.050	09/28/99	KKL
TOTAL XYLENES		ND	MG/KG	0.050	09/28/99	KKL
BFB (SURROGATE)		76	125	75		
QA/QC PACKAGE LEVEL	NONE		SU			

ND=NONE DETECTED

PQL=PRACTICAL QUANTITATION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:

  
TERRY KOESTER  
LABORATORY DIRECTOR



Q W A L L A B O R A T O R I E S, I N C.

2911 ROTARY TERRACE, P.O. BOX 562/PITTSBURG, KS 66762/(316)232-1970

LABORATORY REPORT:

REFERENCE #: 9909913

SENT WILLIAMS FIELD SERVICE  
TO: 295 CHIPETA WAY  
SALT LAKE CITY, UTAH 84158  
MARK HARVEY  
PROJECT: WFS/IGW/NM PITS

DATE REPORTED: 09/29/99  
DATE COLLECTED: 09/27/99  
DATE RECEIVED: 09/28/99

Reference Fraction: 9909913-05A  
Sample ID: NEBU78-V-LF-01  
Sample Date Collected: 09/27/99 14:50:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED BY
QA/QC PACKAGE LEVEL	NONE	DONE	SU		
TOTAL PETROLEUM HYDR	EPA 418.1	ND	MG/KG	10.0	09/29/99 BEM

ND=NONE DETECTED  
PQL=PRACTICAL QUANTITATION LIMIT  
SU=STANDARD UNITS  
B=DETECTED IN METHOD BLANK

APPROVED BY:

  
TERRY KOESTER  
LABORATORY DIRECTOR