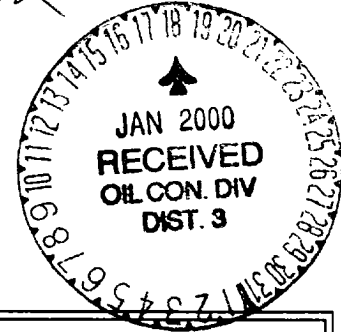


OK

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



PIT REMEDIATION AND CLOSURE REPORT

Operator: BLACKWOODS AND NICHOLS Telephone: (801) 584-6361
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
WellName: NE BLANCO #53A (85618)
Location: Unit or Qtr/Qtr Sec D Sec 28 T 31N R 7W County San Juan
PitType Dehydrator
LandType: Fee

Pit Location: Pit dimensions: length 15 ft., width 15 ft., depth 8 ft.
(Attach diagram)
Reference: Wellhead
Footage from reference: 100 ft.
Direction from reference: 50 Degrees West of North

Depth To Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points) <u>0</u>
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) No (0 points) <u>0</u>
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet (20 points) 200 feet to 1,000 feet (10 points) Greater than 1,000 feet (0 points) <u>0</u>
	Ranking Score (TOTAL POINTS): <u>0</u>

Date Remediation Started: 9/21/99

Date Completed: 9/27/99

Remediation Method: Excavation
(check all appropriate sections)

Approx. Cubic Yard 67

Landfarmed

In situ Bioremediation

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

Remediation Location: Onsite Offsite

(i.e. 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:
Closure Sampling:
(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location NE BLANCO 53A-V-EXFL-01

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 15:28

Sample Result

Benzene (ppm) <0.05

Total BTEX (ppm) <0.05

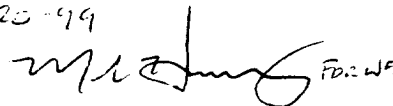
Field Headspace (ppm)

TPH (ppm) 12

Ground Water Sample: No

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

DATE 12-25-99

SIGNATURE  F.D.: W.F.S.

PRINTED NAME Mark Harvey for Williams Field Services AND TITLE

PIT RETIREMENT FORM

00010

Date: 9-21-99

Weather CLR, WARM 80°F+

Well Name NE BLANCO #53A

Operator BLACKWOODS & NICHOLS

Sec 28 T 31N R 7W UL

Land Type: BLM STATE FEE INDIAN

County SAN JUAN

One Call Made (505-765-1234)?

Y N
Y N

Line Marking Evident? 1800 321 2537

Pit Location:

Reference Wellhead X Other

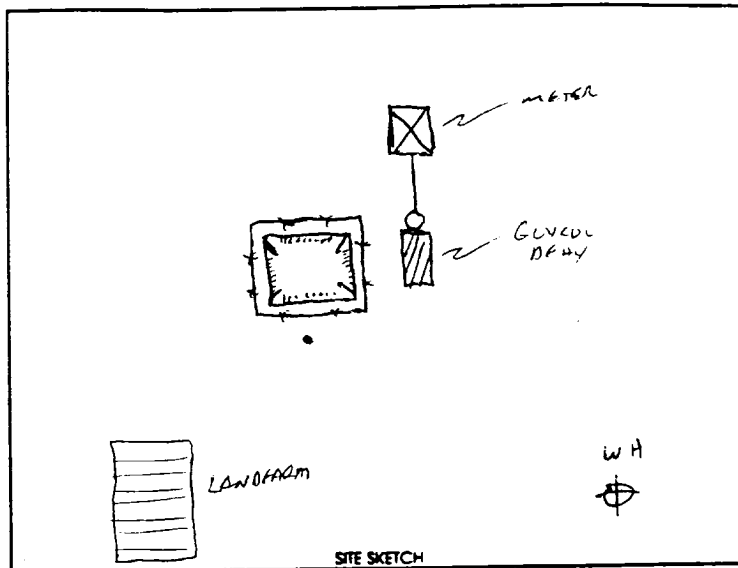
Distance from: 100'

Direction: 50 Degrees E N X

X W of S

Starting Pit Dimensions 15 x 15 x 3

Final Pit Dimensions 1.5 x 15 x 8



Organic Vapor Readings: Start N/A
@ 2' ↓
@ 4' ↓
@ 6' ↓
@ 8' ↓
@ ↓
@ ↓

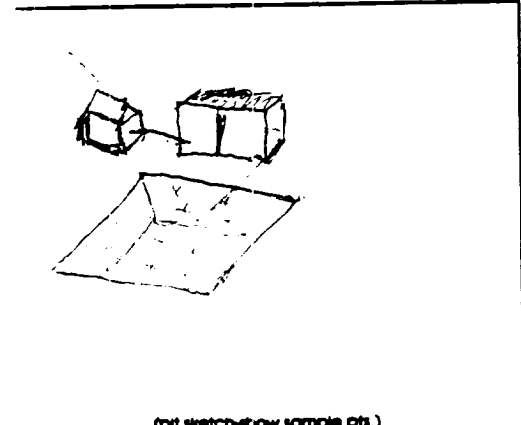
Soil Description: D-8+ BRN CLAYEY SILT W/ TR OF V. FINE SAND

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 #53A-V-EXPL-01 soil / water
Progress: Verification: ID NE BLANCO #53A-V-EXWA-01 soil / water
Progress: Verification: ID _____ soil / water

Sample sent to Lab Via: Courier Hand Carried Other _____ Preservative ICE Other _____



Comments: CIP CREW SETS TEMPORARY TANK
TEAR DOWN FENCE, SET-UP, EXCAVATE & SHRED
IMPACTED SOIL, LAYOUT PROCESSED MAT IN
ON-SITE LF.

Soil Shipped to: ON-SITE LANDFARM
Prepared by: JPS

(pit sketch show sample pits)

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 #: 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: 9909783-13A
 Sample ID: NE BLANCO 53A-V-EXFL-01 ⁸⁵⁶¹⁸
 Sample Date Collected: 09/21/99 15:28:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	12	MG/KG	2	09/25/99	BEM
BTEX	OAL/8021B			3.0		
BENZENE		ND	MG/KG	0.050	09/29/99	KKL
TOLUENE		ND	MG/KG	0.050	09/29/99	KKL
ETHYLBENZENE		ND	MG/KG	0.050	09/29/99	KKL
TOTAL XYLENES		ND	MG/KG	0.050	09/29/99	KKL
BFB (SURROGATE)		90	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



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: 9909783-12A
 Sample ID: NE BLANCO 53A-V-EXWA-01 ⁸⁵⁶¹⁸
 Sample Date Collected: 09/21/99 15:20:00

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)		89	125	75		
QA/QC PACKAGE LEVEL	NONE		SU			

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

APPROVED BY:


 PERRY KOESTER
 LABORATORY DIRECTOR

PK

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

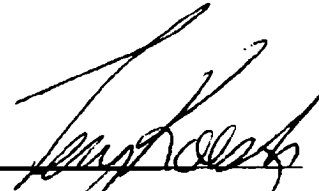
Reference Fraction: 9909913-02A
Sample ID: NEBU53A-V-LF-01
Sample Date Collected: 09/27/99 14:45:00

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 QUANTITAION LIMIT
SU=STANDARD UNITS
B=DETECTED IN METHOD BLANK

APPROVED BY: _____


TERRY KOESTER
LABORATORY DIRECTOR