

State of New Mexico
Energy, Minerals and Natural Resources Department

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

RECEIVED
DEC - 6 1999
OIL CON. DIV.
DIST. 3

PIT REMEDIATION AND CLOSURE REPORT

Operator: Schalk Development (Williams Field Services) Telephone: (801) 584-6361
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
WellName: Schalk 54 Unit #1 (86719)
Location: Unit or Qtr/Qtr Sec H Sec 2 T 30N R 5W County Rio Arriba
PitType Dehydrator
LandType: BLM

Pit Location: Pit dimensions: length 13 ft., width 13 ft., depth 8 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 60 ft.

Direction from reference: 154 Degrees East of North

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)	0
high water elevation of			
ground water)			

Wellhead Protection Area:	Yes	(20 points)	
(Less than 200 feet from a private	No	(0 points)	0
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)	0
irrigation canals and ditches)			

Ranking Score (TOTAL POINTS): 0

Date Remediation Started: 9/27/98

Date Completed: 9/28/98

Remediation Method: Excavation ☒

Approx. Cubic Yard 50

(check all appropriate
sections)Landfarmed ☒

Insitu Bioremediation

Other 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 placed into an onsite landfarm.

Ground Water Encountered: No

Final Pit:

Sample location SCHALK 54#1-V-FL-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 9/27/98

Sample time 10:30

Sample Result

Benzene (ppm) <0.050

Total BTEX (ppm) <0.050

Field Headspace (ppm)

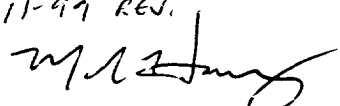
TPH (ppm) 4.22

Ground Water Sample: No

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

DATE 10-11-99 REV.

SIGNATURE

PRINTED NAME
AND TITLEMark Harvey for Williams Field Services
PROJECT COORDINATOR

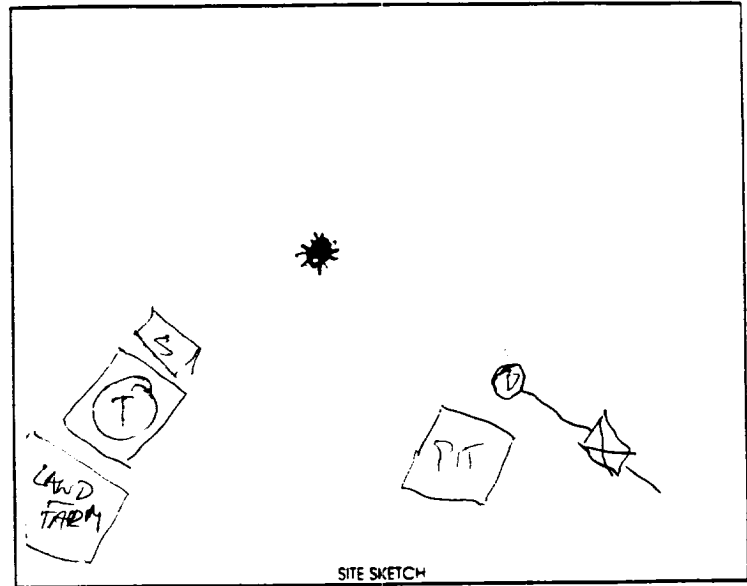
PIT RETIREMENT FORM

Date: 9-28-98 86719 Weather _____
 Well Name SCHACK 54#1 Operator SCHACK DEVELOPMENT Sec 2 T. 30N R. 50W UL H
 Land Type: BLM STATE FEE INDIAN County RICHERIA
 One Call Made (505-765-1234)? (Y) N
 Line Marking Evident? (Y) N

Pit Location:

Reference Wellhead X Other _____
 Distance from: 60
 Direction: 154 Degrees X E N X
 of _____ W S _____

Starting Pit Dimensions 13 x 13 x 2
 Final Pit Dimensions 13 x 13 x 8



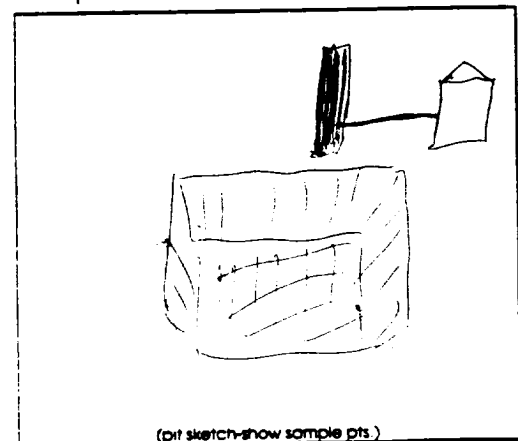
Organic Vapor Readings: Start _____ Soil Description: SANDY CLAY
 @ 2' _____ SILTY CLAY
 @ 4' _____ SILTY CLAY
 @ 6' _____
 @ 8' _____
 @ _____
 @ _____

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE
 Arroyo, Wash, Lake, Stream NONE
 Estimated or Known Distance to Ground Water >100 feet

Source of Backfill (if other than processed material) _____

Samples collected: Type Progress: Verification: ID _____ soil / water
 Progress: Verification: ID _____ soil / water
 Progress: Verification: ID _____ soil / water

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



Comments: MOVED TANK FROM PIT - EXCAVATED
PIT TO 8 feet - CLEAN WALLS AND
FLOOR - BACK FILLED PIT WITH CLEAN FILL -
LANDFARMED MATERIAL ONSITE

Soil Shipped to: _____
 Prepared by: AKA

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 #: 9809965

SENT WILLIAMS FIELD SERVICE-MS4JI
TO: P.O. BOX 58900
SALT LAKE CITY, UTAH 84108
MARK HARVEY
PROJECT: PIT REMEDIATION 98

DATE REPORTED: 10/06/98
DATE COLLECTED: 09/27/98
DATE RECEIVED: 09/30/98

Reference Fraction: 9809965-37A
Sample ID: SCHALK 54 #1-V-WA-01/86719
Sample Date Collected: 09/27/98 10:30:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	ND	MG/KG	2.0	10/03/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	10/05/98	JLO
TOLUENE		ND	MG/KG	0.050	10/05/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	10/05/98	JLO
TOTAL XYLENES		ND	MG/KG	0.050	10/05/98	JLO
BFB (SURROGATE)		98	125	75		

ND=NONE DETECTED
DL=DETECTION 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 #: 9809965

SENT WILLIAMS FIELD SERVICE-MS4JI
TO: P.O. BOX 58900
SALT LAKE CITY, UTAH 84108
MARK HARVEY
PROJECT: PIT REMEDIATION 98

DATE REPORTED: 10/06/98
DATE COLLECTED: 09/27/98
DATE RECEIVED: 09/30/98

Reference Fraction: 9809965-38A
Sample ID: SCHALK 54 #1-V-FL-01/86719
Sample Date Collected: 09/27/98 10:30:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	4.22	MG/KG	2.0	10/03/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	10/05/98	JLO
TOLUENE		ND	MG/KG	0.050	10/05/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	10/05/98	JLO
TOTAL XYLENES		ND	MG/KG	0.050	10/05/98	JLO
BFB (SURROGATE)		89	125	75		

ND=NONE DETECTED
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APPROVED BY:


TERRY KOESTER
LABORATORY DIRECTOR

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

LABORATORY REPORT:

REFERENCE #: 9810349

SENT WILLIAMS FIELD SERVICE-MS4JI
TO: P.O. BOX 58900
SALT LAKE CITY, UTAH 84108
MARK HARVEY

DATE REPORTED: 10/15/98
DATE COLLECTED: 10/07/98
DATE RECEIVED: 10/10/98

PROJECT: 98 PIT REMEDIATION

Reference Fraction: 9810349-07A

Sample ID: SCHALK 54 #1-V-LF-01

Sample Date Collected: 10/07/98 15:00:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	ND	MG/KG	40.0	10/15/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	10/13/98	JLO
TOLUENE		ND	MG/KG	0.050	10/13/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	10/13/98	JLO
TOTAL XYLENES		ND	MG/KG	0.050	10/13/98	JLO
BFB (SURROGATE)		95	125	75		

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DL=DETECTION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:


TERRY KOESTER
LABORATORY DIRECTOR