

*Denny G. Foust*  
DEPUTY OIL & GAS INSPECTOR

AUG 19 1999

State of New Mexico  
Energy, Minerals and Natural Resources Department  
OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

*John K. Lee*  
*3/2/00*  
**RECEIVED**  
MAY 27 1999  
OIL CON. DIV.  
DIST. 3

**PIT REMEDIATION AND CLOSURE REPORT**

Operator: Curtis Little

Telephone: (801) 584-6361

Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900

WellName: Schmitz #2 (PC)

( 80050 )

Location: Unit or Qtr/Qtr Sec *E* Sec 16 T 25N R 3W County Rio Arriba

PitType Dehydrator

LandType: Fee

Pit Location: Pit dimensions: length 11ft., width 11ft., depth 7ft.  
(Attach diagram)

Reference: Wellhead

Footage from reference: 124 ft.

Direction from reference: 220 Degrees East 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) 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)  
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)  
200 feet to 1,000 feet (10 points)  
Greater than 1,000 feet (0 points) 0

Ranking Score (TOTAL POINTS): 0

Date Remediation Started: 8/5/98

Date Completed: 8/5/98

Remediation Method: Excavation ✓

Approx. Cubic Yard 35

(check all appropriate sections)

Landfarmed ✓

Insitu Bioremediation

Other

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:

Closure Sampling:

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

Sample location SCHMITZ#2PC-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 7 feet

Sample date 9/14/98

Sample time 11:20

Sample Result

Benzene (ppm) &lt;0.050

Total BTEX (ppm) 0.186

Field Headspace (ppm)

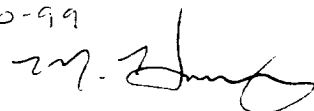
TPH (ppm) 3200

Ground Water Sample: No

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

DATE 5-20-99

SIGNATURE



PRINTED NAME Mark Harvey for Williams Field Services  
AND TITLE

80-050-011

1000

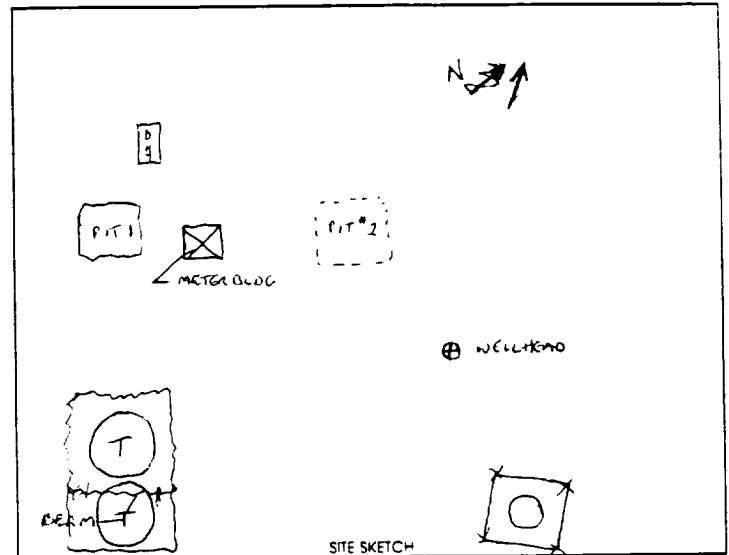
## PIT RETIREMENT FORM

80-050-011

1000

Date: 8/5/9885765 80050Weather SUNNY ~ 70°Well Name SCHMITZ #2 Operator CURTIS LITTLE Sec 16 T 25N R 3W ULLand Type: BLM STATE (FEE) INDIANCounty RIO ARIZONAOne Call Made (505-765-1234)? (Y) NLine Marking Evident? (Y) N

## Pit Location:

Reference Wellhead X Other \_\_\_\_\_Distance from: 124'Direction: 220 Degrees X E N X of  
\_\_\_\_\_ W S \_\_\_\_\_Starting Pit Dimensions 10' x 10' x 2 1/2'Final Pit Dimensions 11' x 11' x 7'

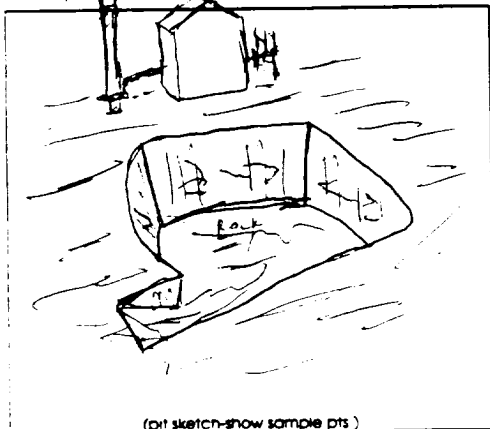
Organic Vapor Readings: Start \_\_\_\_\_ Soil Description: SILTY SAND + ROCK FRAGMENTS  
 @ 2' \_\_\_\_\_  
 @ 4' \_\_\_\_\_  
 @ 6' \_\_\_\_\_  
 @ 8' \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_

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

Source of Backfill (if other than processed material) \_\_\_\_\_

Samples collected: Type Progress: Verification: ID SCHMITZ #2-V-EXWA-01 (soil) / water  
 Progress: Verification: ID SCHMITZ #2-V-EXFL-01 (soil) / water  
 Progress: Verification: ID \_\_\_\_\_ soil / water

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



Comments: TWO PITS THIS LOCATION — FREE OIL IN PIT — MIX —  
EXCAVATE SOIL + ROCK — PIT APPEARS TO HAVE BEEN CUT FROM SANDSTONE  
— SCRAPE TO HARD SS FLOOR — ROCK SIDEWALLS PREVENT LATERAL  
CUTTING — STOCKPILE MATERIAL — THIS SITE ~ 1 MILE EAST OF S37

Soil Shipped to: CN-SITE LFPrepared by: M. J. [Signature]

# 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 #: 9809505

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

DATE REPORTED: 09/22/98  
DATE COLLECTED: 09/14/98  
DATE RECEIVED: 09/16/98

PROJECT: PIT REMEDIATION 98

Reference Fraction: 9809505-36A

Sample ID: SCHMITZ#2PC-V-EXFL-01 / 80050

Sample Matrix: SOIL

Sample Date Collected: 09/14/98 11:20:00

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	3200	MG/KG	40.0	09/19/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	09/19/98	JLO
TOLUENE		0.071	MG/KG	0.050	09/19/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	09/19/98	JLO
TOTAL XYLENES		0.115	MG/KG	0.050	09/19/98	JLO
BFB (SURROGATE)		86	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 #:** 9809505

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

DATE REPORTED: 09/22/98  
 DATE COLLECTED: 09/14/98  
 DATE RECEIVED: 09/16/98

PROJECT: PIT REMEDIATION 98

Reference Fraction: 9809505-37A

Sample ID: SCHMITZ#2PC-V-EXWA-01 / 80050

Sample Matrix: SOIL

Sample Date Collected: 09/14/98 11:25:00

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	6080	MG/KG	40.0	09/19/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	09/19/98	JLO
TOLUENE		0.811	MG/KG	0.050	09/19/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	09/19/98	JLO
TOTAL XYLENES		5.90	MG/KG	0.050	09/19/98	JLO
BFB (SURROGATE)		107	125	75		

ND=NONE DETECTED

DL=DETECTION 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 #: 9811260

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

DATE REPORTED: 11/18/98  
DATE COLLECTED: 11/05/98  
DATE RECEIVED: 11/10/98

PROJECT: JICARILLA DISTRICT 98

Reference Fraction: 9811260-04A

Sample ID: SCHMITZ#2PC-V-LF-02

Sample Date Collected: 11/05/98 14:00:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	159	MG/KG	2.0	11/13/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	11/12/98	JLO
TOLUENE		ND	MG/KG	0.050	11/12/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	11/12/98	JLO
TOTAL XYLENES		ND	MG/KG	0.050	11/12/98	JLO
BFB (SURROGATE)		114	125	75		

ND=NONE DETECTED

DL=DETECTION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY: 

TERRY KOESTER  
LABORATORY DIRECTOR