

Denny E. Faust
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

RECEIVED
MAY 27 1999

PIT REMEDIATION AND CLOSURE REPORT

Operator: Texaco (Williams Field Services) Telephone: (801) 584-6361
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
WellName: C W ROBERTS #7 (85753)
Location: Unit or Qtr/Qtr Sec J Sec 17 T 25N R 3W County Rio Arriba
PitType Dehydrator
LandType: Fee

Pit Location: Pit dimensions: length 13 ft., width 15 ft., depth 7 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 112 ft.

Direction from reference: 29 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) 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: 8/7/98

Date Completed: 8/7/98

Remediation Method: Excavation ✓

Approx. Cubic Yard 50

(check all appropriate
sections)

Landfarmed ✓

Insitu Bioremediation

Other Landfarmed soil after mechanical aeration.

Remediation Location: Onsite ✓ Offsite

(if 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 CW ROBERTS #7-V-EXWA-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 7 Feet

Sample date 8/7/98

Sample time 13:41

Sample Result

Benzene (ppm) <0.050

Total BTEX (ppm) 8.7

Field Headspace (ppm)

TPH (ppm) 615

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

PIT RETIREMENT FORM

85753

Date: 8/7/78

Weather SUNNY ~ 80°

Well Name CW ROBERTS #7 Operator TEXACO

Sec 17 T25N R3W UL

Land Type: BLM STATE (FEE) INDIAN

County RIO ARriba

One Call Made (505-765-1234)? (V) N

Line Marking Evident? (V) N

Pit Location:

Reference Wellhead X Other _____

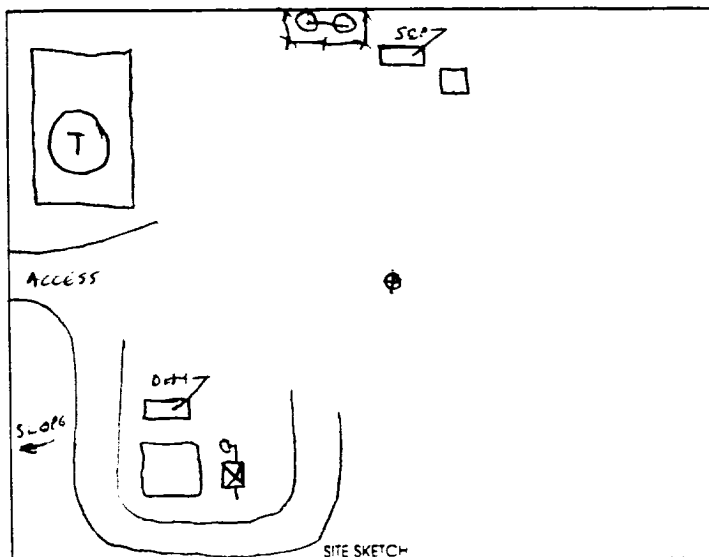
Distance from: 112

Direction: 29 Degrees _____ E N X

of
X W S _____

Starting Pit Dimensions 10 x 11 x 1 1/2

Final Pit Dimensions 13' x 15' x 7'



Organic Vapor Readings: Start _____
@ 2' _____
@ 4' _____
@ 6' _____
@ 8' _____
@ _____
@ _____

Soil Description: SAND
SILTY SAND
" " + BROKEN SS
SANDSTONE - BEDROCK

Well Proximity To: Residence, Domestic Water Well, Stock Well ~ 1/2 MILE SOUTH

Arroyo, Wash, Lake, Stream NONE

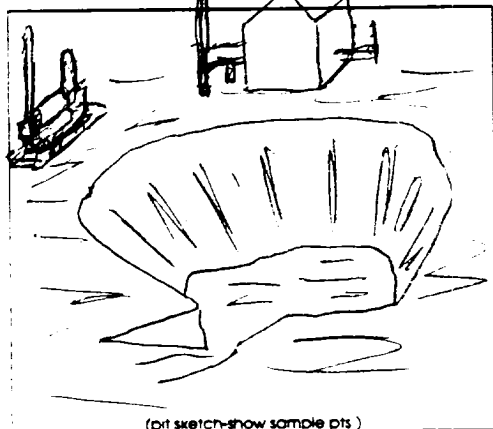
Estimated or Known Distance to Ground Water > 100'

Source of Backfill (if other than processed material) _____

Samples collected: Type Progress: Verification: ID _____ 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: SOIL WET FROM OVERNIGHT RAIN - EXCAVATE + ENCOUNTER
BROKEN ROCK @ 4' - CONTINUE DIGGING TO 6' WHERE SANDSTONE
ENCOUNTERED - FURTHER EXCAVATION LIMITED DUE TO GROUND + MEDIUM-
INATLY ROCK SIDEWALLS

Soil Shipped to: ON-SITE

Prepared by: M. [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 #: 9808276

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

DATE REPORTED: 08/24/98
DATE COLLECTED: 08/07/98
DATE RECEIVED: 08/11/98

Reference Fraction:9808276-12A

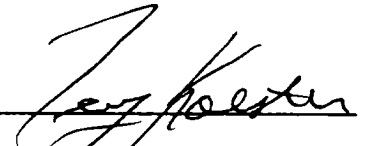
Sample ID: CW ROBERTS #7-V-EXWA-01 / 85753
Sample Date Collected: 08/07/98 13:41:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	615	MG/KG	2.0	08/23/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		ND		0.050	08/15/98	JLC
TOLUENE		0.89		0.050	08/15/98	JLC
ETHYLBENZENE		2.88		0.050	08/15/98	JLC
TOTAL XYLENES		4.93		0.050	08/15/98	JLC
BFB (SURROGATE)		76	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 #: 9808276

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

DATE REPORTED: 08/24/98
DATE COLLECTED: 08/07/98
DATE RECEIVED: 08/11/98

Reference Fraction:9808276-13A

Sample ID: CW ROBERTS #7-V-EXFL-01 / 85753
Sample Date Collected: 08/07/9813:48:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	129	MG/KG	2.0	08/23/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	08/15/98	JLC
TOLUENE		2.34	MG/KG	0.050	08/15/98	JLC
ETHYLBENZENE		0.61	MG/KG	0.050	08/15/98	JLC
TOTAL XYLENES		7.85	MG/KG	0.050	08/15/98	JLC
BFB (SURROGATE)		123	125	75		


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DL=DETECTION LIMIT

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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: 09/12/98
DATE RECEIVED: 09/16/98

PROJECT: PIT REMEDIATION 98

Reference Fraction: 9809505-06A

Sample ID: CW ROBERTS#7-V-LF-02 / 86194⁴⁵⁷⁵³

Sample Matrix: SOIL

Sample Date Collected: 09/12/98 09:00:00

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	1370	MG/KG	20.0	09/18/98	SKW

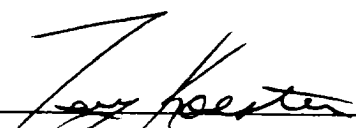
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