

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

*Non-Vulnerable*

**RECEIVED**  
DEC - 6 1999

**PIT REMEDIATION AND CLOSURE REPORT**

**OIL CON. DIV.**  
**DIST. 3**

Operator: MERIDIAN Telephone: (801) 584-6361  
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900  
WellName: TAPACITOS #1 ( 86763 )  
Location: Unit or Qtr/Qtr Sec *A* Sec 16 T 26N R 2W County Rio Arriba  
PitType DEHY  
LandType: Fee

Pit Location: Pit dimensions: length 18 ft., width 18 ft., depth 14 ft.  
(Attach diagram)

Reference: Wellhead

Footage from reference: 63 ft.

Direction from reference: 80 Degrees West 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) <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: 8/1/98

Date Completed: 8/1/98

Remediation Method: Excavation ☒  
(check all appropriate sections)

Approx. Cubic Yard 168

Landfarmed ☒Insitu Bioremediation ☐

Other Landfarmed soil after mechanical aeration. LF Headspace 42 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 TAPICITOS #1-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 14 Feet

Sample date 8/3/98

Sample time 12:59

Sample Result

Benzene (ppm) &lt;0.050

Total BTEX (ppm) &lt;0.50

Field Headspace (ppm)

TPH (ppm) 220

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

SIGNATURE 

PRINTED NAME Mark Harvey for Williams Field Services  
AND TITLE PROJECT COORDINATOR

# PIT RETIREMENT FORM

86763

Date: 8/1/98

Weather \_\_\_\_\_

Well Name TAPACITOS #1 Operator MERIDIAN Sec 16 T 26N R 2W UL \_\_\_\_\_

Land Type: BLM STATE (FEE) INDIAN

County RIO ARriba

One Call Made (505-765-1234)? ☒ N

Line Marking Evident? ☒ N

## Pit Location:

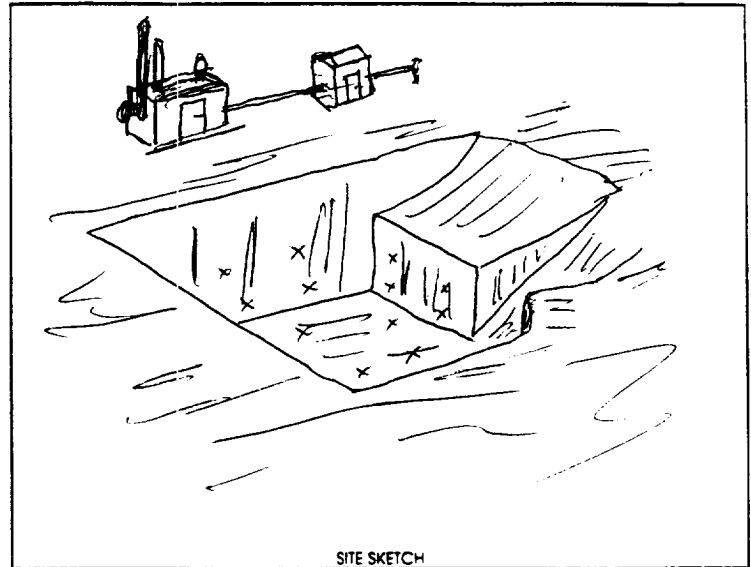
Reference Wellhead ☒ Other \_\_\_\_\_

Distance from: 63'

Direction: 80 Degrees \_\_\_\_\_ E N ☒  
\_\_\_\_\_ of  
☒ W S \_\_\_\_\_

Starting Pit Dimensions 14' x 14' x 2'

Final Pit Dimensions 18 x 18 x 14



SITE SKETCH

Organic Vapor Readings: Start \_\_\_\_\_  
@ 2' \_\_\_\_\_  
@ 4' \_\_\_\_\_  
@ 6' \_\_\_\_\_  
@ 8' \_\_\_\_\_  
@ \_\_\_\_\_  
@ \_\_\_\_\_

Soil Description: SILTY SAND  
" "  
SANDY SILT  
" "  
" " w/CLAY  
" " "  
" " "

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

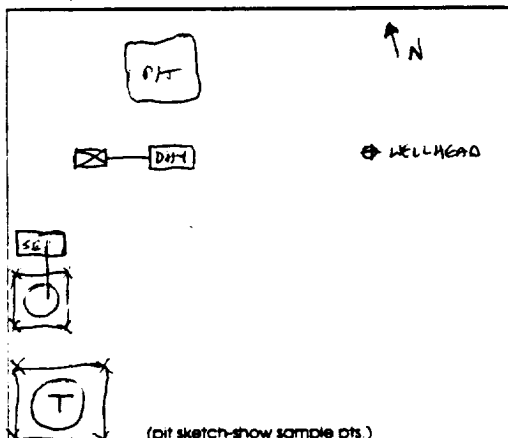
Arroyo, Wash, Lake, Stream NONE

Estimated or Known Distance to Ground Water >100'

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

Samples collected: Type Progress: Verification: ID TAPACITOS #1-V-EXVA-01 SOIL / water  
Progress: Verification: ID TAPACITOS #1-V-EXPL-01 SOIL / water  
Progress: Verification: ID \_\_\_\_\_ soil / water

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



(pit sketch-show sample pts.)

Comments: SOIL HAS SOME FREE OIL + WATER - MIX IN BERM MATERIAL  
- EXCAVATE OILY MATERIAL NEAR SURFACE - NO OIL (FREE) @ 4' -  
- SOME STANDING IN SIDEWALLS - CUT BACK - TERRACE + RAMP -  
PLACE SOIL IN LANDFARM ON NORTH END OF LOCATION -  
SITE IS ~ 1/3 MILE SW OF ~~LA~~ #2 - BEAR CANYON CTR

Soil Shipped to: ON-SITE LF

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 #: 9808213

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

DATE REPORTED: 08/14/98  
DATE COLLECTED: 08/03/98  
DATE RECEIVED: 08/07/98

Reference Fraction: 9808213-17A  
Sample ID: TAPICITOS #1-V-EXWA-01 / 86763  
Sample Date Collected: 08/03/98 12:50:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	08/12/98	JLO
TOLUENE		ND	MG/KG	0.050	08/12/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	08/12/98	JLO
TOTAL XYLENES		0.176	MG/KG	0.050	08/12/98	JLO
BFB (SURROGATE)		101	125	75		
TPH	SW846-8015	249	MG/KG	2.0	08/13/98	SKW

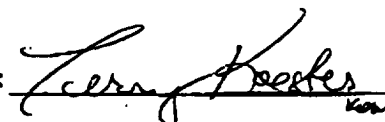
ND=NONE DETECTED

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 #: 9808213

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

DATE REPORTED: 08/14/98  
DATE COLLECTED: 08/03/98  
DATE RECEIVED: 08/07/98

Reference Fraction: 9808213-18A  
Sample ID: TAPICITOS #1-V-EXFL-01 / 86763  
Sample Date Collected: 08/03/98 12:59:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	08/12/98	JLO
TOLUENE		ND	MG/KG	0.050	08/12/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	08/12/98	JLO
TOTAL XYLENES		ND	MG/KG	0.050	08/12/98	JLO
BFB (SURROGATE)		104	125	75		
TPH	SW846-8015	220	MG/KG	2.0	08/13/98	SKW

ND=NONE DETECTED

DL=DETECTION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:

*Terry Koester*  
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 #:** 9808765

SENT **WILLIAMS FIELD SERVICE-MS4JT**  
TO: **P.O. BOX 58900**  
**SALT LAKE CITY, UTAH 84108**  
**MARK HARVEY**  
PROJECT: **JICARILLA DISTRICT '98**

DATE REPORTED: 08/31/98  
DATE COLLECTED: 08/21/98  
DATE RECEIVED: 08/25/98

Reference Fraction: 9808765-22A  
Sample ID: **TAPACITOS#1-V-LF-01 / 86763**  
Sample Date Collected: **08/21/98 14:41:00 / 42**

Sample Matrix: **SOIL**

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
PH	SW846-8015	223	MG/KG	2.0	08/28/98	SKW

ID-NONE DETECTED  
DL-DETECTION LIMIT  
SU-STANDARD UNITS  
B-DETECTED IN METHOD BLANK

APPROVED BY:

  
**TERRY KOESTER**  
**LABORATORY DIRECTOR**