

OK

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PIT

JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
P.O. BOX 507
DULCE, NEW MEXICO 87528

SUBMIT COPY TO
 NATURAL RESOURCE DEPT
 OIL & GAS ADMINISTRATION

OFFICE
APR 2000
REPORT
APPR

APPROVED

Operator: ELM RIDGE RESOURCES Telephone: 326-7099

Address: 312 W. LA PLATA STREET, FARMINGTON, NM 87401

Facility or Well Name: MARTIN WHITTAKER #35

Location: Unit or Qtr/Qtr Sec NE/NE Sec 15 T23N R4W County BIO ARIZONA

Pit Type: Separator___ Dehydrator___ Other___

Land Type: _____

Pit Location: Pit dimensions: length 6, width 4, depth 6
(Attach diagram)

Reference: wellhead X, other _____

Footage from reference:

Direction from reference: _____ Degrees _____ of _____
 _____ West South _____

Depth To Groundwater:

(Vertical distance from
contaminants to seasonal
high water elevation of
groundwater)

Less than 50 feet	(20 points)	
50 feet to 99 feet	(10 points)	
Greater than 100 feet	(0 points)	<u>0</u>

Distance to an Ephemeral Stream

(Downgradient dry wash greater than
ten feet in width)

Less than 100 feet (10 points) _____
Greater than 100 feet (0 points) 10

Distance to Nearest Lake, Playa, or Watering Pond

(Downgradient lakes, playas and livestock or wildlife watering ponds)

d. Less than 100 feet (10 points)
Greater than 100 feet (0 points) C

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 100 feet (20 points)
100 feet to 1000 feet (10 points)
Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: 8/17/98

Date Completed: 8/17/98

Remediation Method: Excavation X
(Check all appropriate sections) Landfarmed X

Approx. cubic yards 5 CY See separator pit

In situ Bioremediation _____

Other _____

Remediation Location: Onsite X Offsite _____
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: REMOVED CONTAMINATED SOIL WITH EXCAVATOR, SPREAD ON LOCATION WITH SOIL FARM

Groundwater Encountered: No X Yes _____ Depth _____

Final Pit: Sample location Pit Bottom Center 3 BANKS N, S, E
Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths) (other bank opens to pit of Sep)
Sample depth 6' GAS 1.1 PPM
Sample date 8/17/98 Sample time 1:20 PM DIE 520 PPM
method 8015M

Sample Results

Soil: Benzene (ppm)	<u>N/A</u>	Water: Benzene (ppb)	<u>N/A</u>
Total BTEX (ppm)	<u>N/A</u>	Toluene (ppb)	<u>N/A</u>
Field Headspace (ppm)	<u>10.2</u>	Ethylbenzene (ppb)	<u>N/A</u>
TPH <u>8015M</u> (ppm) <u>GAS 1.1 PPM</u>		Total Xylenes (ppb) <u>N/A</u>	
		<u>DIE 250 PPM</u>	

Groundwater Sample: Yes _____ No X (If yes, attach sample results)

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

DATE 11/23/98 PRINTED NAME SHAWN ADAMS

SIGNATURE [Signature] AND TITLE ENV. CONSULTANT

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE WITH THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES X NO _____ (REASON) _____

SIGNED: [Signature] DATE: 11-23-98

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Aug-98

Client:	Contract Environmental Services, Inc.	Client Sample Info:	Martin Whittaker No.35
Work Order:	9808041	Client Sample ID:	MW35-102 Sep. Floor
Lab ID:	9808041-07A	Matrix:	SOIL
Project:	Pit Remediation	Collection Date:	8/17/98 1:20:00 PM
		COC Record:	4395

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C10-C28	250	25		mg/Kg	1	Analyst: HR 8/26/98
GASOLINE RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C6-C10	1.1	0.18		mg/Kg	1	Analyst: DC 8/20/98

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Aug-98

Client:	Contract Environmental Services, Inc.	Client Sample Info:	Martin Whittaker No.35
Work Order:	9808041	Client Sample ID:	MW35-103 Sep. Wall
Lab ID:	9808041-08A	Matrix:	SOIL
Project:	Pit Remediation	Collection Date:	8/17/98 1:25:00 PM
		COC Record:	4395

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C10-C28	520	25		mg/Kg	1	Analyst: HR 8/26/98
GASOLINE RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C6-C10	1.1	0.18		mg/Kg	1	Analyst: DC 8/20/98

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

1 of 1

CONTRACT ENVIRONMENTAL

Elm Ridge

Daily Site Sheet

Site Name: No 35 Martin W.H. Haker

Date: 8-14-98

Time Started: 12:00

Time Finished: 1:30 8-17-98

Pit starting size: 20X20X5

Pit size when finished: _____

Land farm size: _____

Distance to wash > or < 100': _____

Distance to lake or pond: _____

Distance to private or domestic water source > or < 1000': _____

P.I.D. Readings

North wall: _____

South wall: _____

East wall: _____

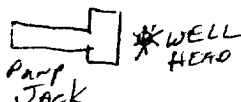
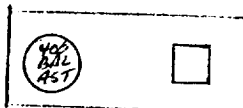
West wall: _____

Land farm: _____

Equipment used: P.S.D PID EXCAVATOR Jim Kirby Lin Wiker

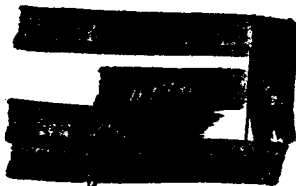
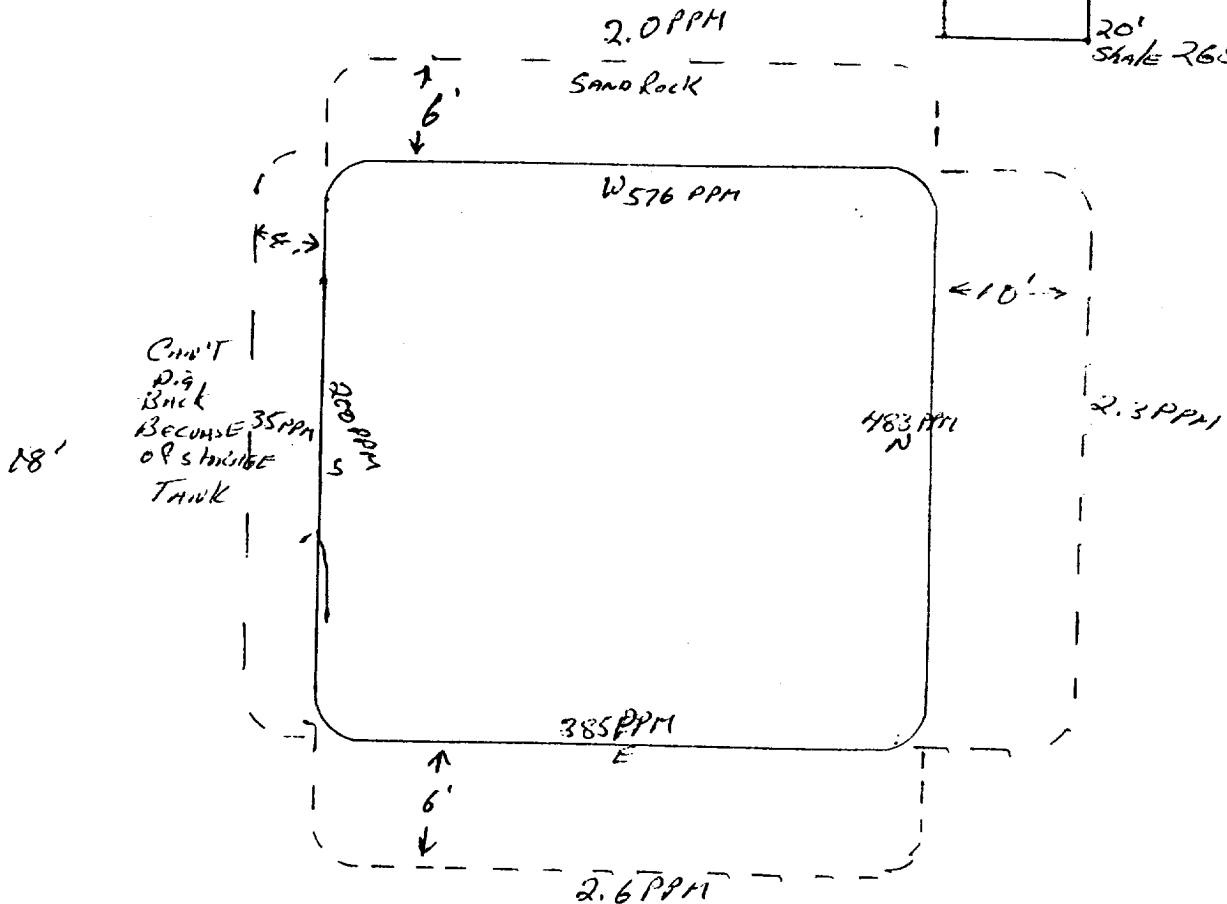
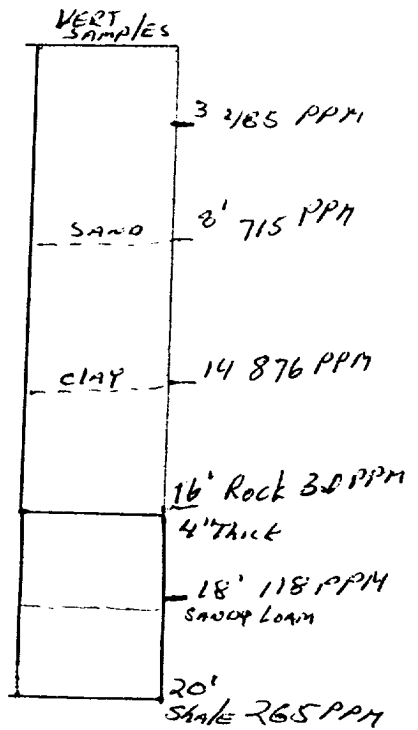
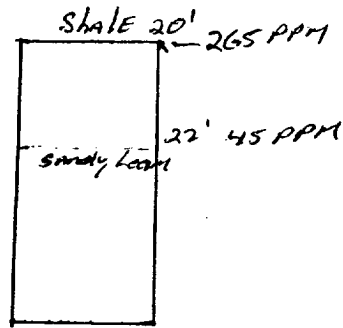
Remarks: Dig P.T AREA 2 402 Jar Samples From P.T 4 Wall Comp
P.O 22.3 PPM 1 Point Sample From Floor of P.T 45 PPM 22' DEEP
30' DEEP 20' DEEP 10' DEEP 5' DEEP

Site Diagram



MW 35-102 Processed to Lab

MW 35-103 Processed to Lab



0007

TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 8-17-98

Page

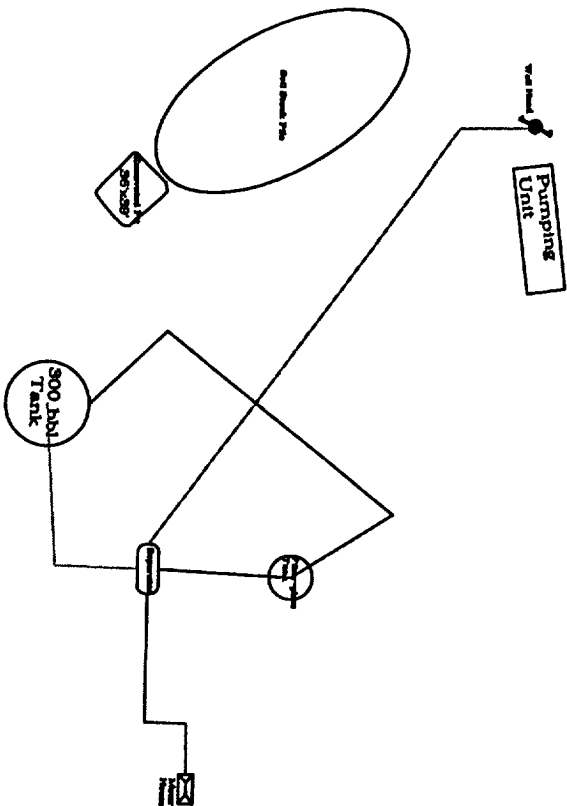
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LEAD:	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Field Data Recorded : _____ Date: _____

Reviewed : _____ Date: _____

Drawn : _____ Date: _____



Elm Ridge Resources

Martin Whittaker 35
NE/NE Sec. 15, T23N, R4W
Rio Arriba County, NM

Contract Environmental Services, Inc.

505-325-1198
Farmington, New Mexico