

Denning, S. Fort
DEPUTY OIL & GAS INSPECTOR

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

Blow-Risk below
85564

SUBMIT 1 COPY TO
NATURAL RESOURCE DEPT
AND OIL & GAS ADMINISTRATION

OCT 08 1999

Sep - OK

PIT REMEDIATION AND CLOSURE REPORT

Operator: AMOCO PRODUCTION COMPANY Telephone: (505) 326-9200
Address: 200 Amoco Court, Farmington, NM 87401
Facility or Well Name: JICARILLA CONTRACT 148-24
Location: Unit or Qtr/Qtr Sec D Sec 14 T 25N R 5W County RIO ARRIBA
Pit Type: Separator Dehydrator Other BLOW
Land Type: RANGE

Pit Location: Pit dimensions: length 22', width 22', depth 3'
(Attach diagram) Reference: wellhead X, other
Footage from reference: 147'
Direction from reference: 81 Degrees East of North X
X 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)	<u>0</u>
Greater than 100 feet	(0 points)	

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)	<u>0</u>

Distance to Nearest Lake, Playa, or Watering Pond

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

Less than 100 feet	(10 points)	
Greater than 100 feet	(0 points)	<u>0</u>

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)	<u>0</u>

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)	<u>0</u>
Greater than 1000 feet	(0 points)	

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____ Date Completed: 6/10/98

Remediation Method: Excavation ☒ Approx. cubic yards 25
 (check all appropriate sections) Landfarmed ☒ Insitu Bioremediation _____
 Other _____

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

General Description of Remedial Action: Excavation. ENTIRE EXCAVATION CONSIST OF BEDROCK, THEREFORE NO TPH ANALYSIS WAS CONDUCTED. RISK ASSESSED.

Groundwater Encountered: No ☒ Yes _____ Depth _____

Final Pit: Sample location see Attached Documents

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

Sample depth 3' (PIT BOTTOM)

Sample date 6/10/98 Sample time 0840

Sample Results

Soil: Benzene (ppm)	_____	Water: Benzene (ppb)	_____
Total BTEX (ppm)	_____	Toluene (ppb)	_____
Field Headspace (ppm)	<u>229.9</u>	Ethylbenzene (ppb)	_____
TPH (ppm)	<u>NA</u>	Total Xylenes (ppb)	_____

Groundwater Sample: Yes _____ No ☒ (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 6/10/98 PRINTED NAME Buddy D. Shaw
 SIGNATURE Buddy D. Shaw AND TITLE Environmental Coordinator

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

APPROVED: YES ☒ NO _____ (REASON) _____

SIGNED: R.A. DATE: 7-27-98

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BT564</u> C.D.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>JKA. CONTR. 148</u> WELL #: <u>24</u> PIT: <u>BLW</u>	DATE STARTED: <u>6/10/98</u> DATE FINISHED: _____
QUAD/UNIT: <u>D</u> SEC: <u>14</u> TWP: <u>25N</u> RNG: <u>5W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>
DTR/FOOTAGE: <u>945' FWL / 935' FWL</u> CONTRACTOR: <u>P & S</u>	

EXCAVATION APPROX. <u>22</u> FT. x <u>22</u> FT. x <u>3</u> FT. DEEP. CUBIC YARDAGE: <u>25</u>
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARM</u>
LAND USE: <u>RANGE</u> LEASE: <u>JIC 148</u> FORMATION: <u>CK</u>

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>147</u> FT. <u>N81W</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u>

NMOC D RANKING SCORE: 0 NMOC D TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

CHECK ONE:

- ☒ PIT ABANDONED
☐ STEEL TANK INSTALLED
☐ FIBERGLASS TANK INSTALLED

ENTIRE EXCAVATION CONSIST OF BEDROCK (SANDSTONE), MOSTLY VERY PALE ORANGE, HARD TO VERY HARD (PIT BOTTOM) STAINING EVIDENT ONLY ON PIT BOTTOM (VARYING COLOR FROM GRAYISH GREEN TO LT. GRAY), DUE TO BEDROCK, NO TPH ANALYSIS WAS CONDUCTED.

ENTIRE EXCAVATION BEDROCK

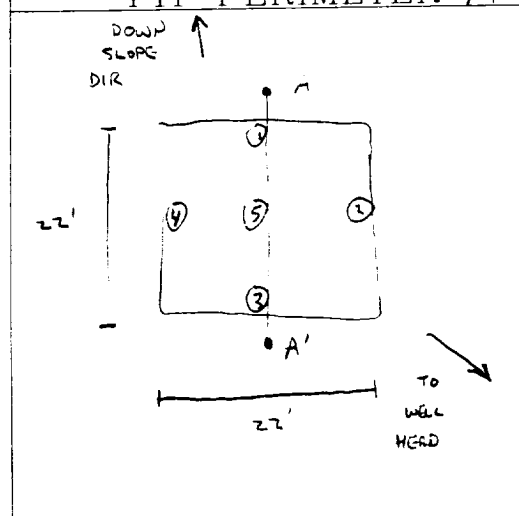
RISK ASSESSED

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SCALE
0 FT

PIT PERIMETER



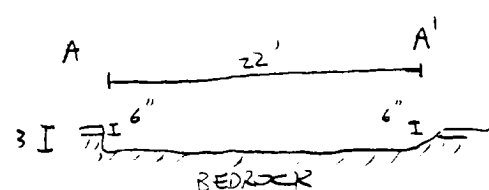
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 1'	0.0
2 1'	0.0
3 1'	0.0
4 1'	0.0
5 3'	229.9

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

PIT PROFILE



TRAVEL NOTES: CALLOUT: 6/9/98 - MORN. ONSITE: 6/10/98 - MORN.

Well Name:

Well Site location:

Pit Type:

Producing Formation:

Pit Category:

Horizontal Distance to Surface Water:

Vicinity Groundwater Depth:

Jicarilla Contract 148 #24

Unit D, Sec. 14, T25N, R5W

Blow Pit

Chacra

Non Vulnerable

> 1000 ft.

> 100 ft.

RISK ASSESSMENT (non-vulnerable area)

Pit remediation activities were terminated when trackhoe encountered sandstone bedrock at 3 feet below grade.

No past or future threat to surface water or groundwater is likely based on the following considerations:

1. Past production fluids were contained locally by a relatively shallow sandstone bedrock located 3 feet below grade. Groundwater levels located on or close to the well pad are estimated to be at a much greater depth below sandstone bedrock.
2. Topographic information does not indicate off site lateral fluid migration near the earthen pit.
3. Daily discharge into the earthen pit has been terminated (pit abandoned). Prior discharge into the pit is believed to be under 5 barrels per day.
4. Well site located within the **non-vulnerable area** and is approximately 1.10 miles east southeast of the nearest vulnerable area boundary (Gonzales Canyon wash).

(Refer to Lapis Point Quadrangle, New Mexico - Rio Arriba County, 7.5 Minute Series (Topographic), 1963, (vulnerable area boundary developed by Mr. William C. Olson, Hydrogeologist, Environmental Bureau, New Mexico Oil Conservation Division).

Based upon the information given, we conclude the sandstone bottom creates enough of an impermeable barrier as to subdue impact to groundwater below it (please refer to AMOCO's report "Post Excavation Pit Closure Investigation Summary, July, 1995", with cover letter dated November 30, 1995). AMOCO requests pit closure approval on this location.

BT 564

SUBMIT 1 COPY TO
NATURAL RESOURCE DEPT
AND OIL & GAS ADMINISTRATION

Operator: AMOCO PRODUCTION COMPANY		Telephone: (505) 326-9200
Address: 200 Amoco Court, Farmington, NM 87401		
Facility or Well Name: JICARILLA CONTRACT 148 - 24		
Location: Unit or Qtr/Qtr Sec D Sec 14 T 25N R 5W County RIO ARriba		
Pit Type: Separator X Dehydrator Other		
Land Type: RANGE		
Pit Location:		
(Attach diagram)	Pit dimensions: length 13', width 17', depth 6'	
	Reference: wellhead X, other	
	Footage from reference: 147'	
	Direction from reference: 43 Degrees X East of North X West South	
Depth To Groundwater:		
(Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points) 0
Distance to an Ephemeral Stream		
(Downgradient dry wash greater than ten feet in width)	Less than 100 feet Greater than 100 feet	(10 points) (0 points) 0
Distance to Nearest Lake, Playa, or Watering Pond		
(Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet Greater than 100 feet	(10 points) (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 No	(20 points) (0 points) 0
Distance To SurfaceWater:		
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet 100 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points) 0
RANKING SCORE (TOTAL POINTS): 0		

Date Remediation Started: _____

Date Completed: 6/10/98Remediation Method: Excavation ☒
Check all appropriate sections) Landfarmed ☒Approx. cubic yards 30

Insitu Bioremediation _____

Other _____

Remediation Location:
(i.e. landfarmed onsite,
name and location of
offsite facility)Onsite ☒ Offsite _____General Description of Remedial Action: Excavation, BEDROCK BOTTOM.

Groundwater Encountered:

No ☒

Yes _____

Depth _____

Final Pit:

Closure Sampling:

(if multiple samples,
attach sample results
and diagram of sample
locations and depths)Sample location see Attached Documents

Sample depth

3' (NORTH SIDEWALL)

Sample date

6/10/98

Sample time

0910

Sample Results

Soil: Benzene

(ppm) _____

Water: Benzene

(ppb) _____

Total BTEX

(ppm) _____

Toluene

(ppb) _____

Field Headspace

(ppm) 0.0

Ethylbenzene

(ppb) _____

TPH

(ppm) ND

Total Xylenes

(ppb) _____

Groundwater Sample:

Yes _____

No ☒

(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

6/1/98

PRINTED NAME

Buddy D. Shaw

SIGNATURE

Buddy D. Shaw

AND TITLE

Environmental Coordinator

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

APPROVED: YES ☒

NO _____

(REASON) _____

SIGNED:

Ken C. Marshall

DATE:

7-27-98

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BJ564</u> C.O.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>
LOCATION: NAME: <u>TIC 148</u> WELL #: <u>24</u> PIT: <u>SEP</u>		DATE STARTED: <u>6/10/98</u> DATE FINISHED: _____
QUAD/UNIT: <u>D</u> SEC: <u>14</u> TWP: <u>25N</u> RNG: <u>5W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>		ENVIRONMENTAL SPECIALIST: <u>NV</u>
QTR/FOOTAGE: <u>nwl4 nwl4</u> CONTRACTOR: <u>PTS</u>		

EXCAVATION APPROX. <u>13</u> FT. x <u>17</u> FT. x <u>6</u> FT. DEEP.	CUBIC YARDAGE: <u>30</u>
DISPOSAL FACILITY: <u>ON-SITE</u>	REMEDIAL METHOD: <u>LANDFARM</u>
LAND USE: <u>RANGE</u>	LEASE: <u>TIC 148</u> FORMATION: <u>CK</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>147</u> FT. <u>N43E</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER: <u>>100'</u>	NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u>

NMOC D RANKING SCORE: 0 NMOC D TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

CHECK ONE

- ☒ PIT ABANDONED
☐ STEEL TANK INSTALLED
☐ FIBERGLASS TANK INSTALLED

SOIL MOSTLY MOD. YELL. ORANGE TO MOD. YELL. BROWN SAND SOME CLAY OBSERVED ON EAST & WEST SIDEWALLS (SMALL INTERVAL BETWEEN 3'-4' BELOW GRADE), NON COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT STRAINING OR HC ODOR OBSERVED W/IN EXCAVATION,

BOTTOM - BEDROCK (SANDSTONE) LT. GRAY IN COLOR, HARD, NO APPARENT HC ODOR OBSERVED.

BEDROCK
BOTTOM

CLOSED

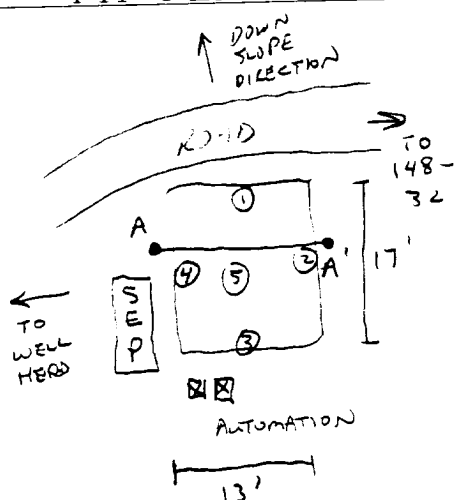
FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
0910	① 3'	TPH-1990	5	20	1:1	4	ND

SCALE

0 FT

PIT PERIMETER



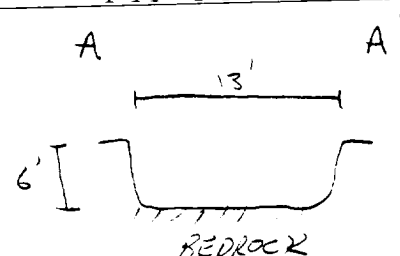
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 3'	0.0
2 3'	0.0
3 3'	0.0
4 3'	0.0
5 6'	0.0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

PIT PROFILE



TRAVEL NOTES:

CALLOUT: 6/9/98-MORN.

ONSITE: 6/10/98-MORN.

BLAGG ENGINEERING, INC.
P.O. Box 87, Bloomfield, New Mexico 87413
Phone: (505)632-1199 Fax: (505)632-3903

**FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS**

Client:	AMOCO	Project #:	
Sample ID:	1 @ 3'	Date Analyzed:	06-10-98
Project Location:	Jicarilla Contract 148 - 24	Date Reported:	06-10-98
Laboratory Number:	TPH-1990	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	ND	20

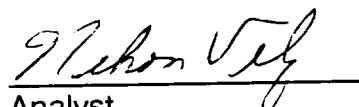
ND = Not Detectable at stated detection limits.

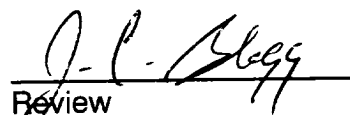
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	1684	1712	1.65

*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: Separator Pit - BJ564


Analyst


Review

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

Field TPH-Worksheet

Max Characters:

Client:

Sample ID:

Project Location:

Laboratory Number:

AMOCO

1 @ 3'

Jicarilla Contract 148 - 24

TPH-1990

Project #:

Date Analyzed:

Date Reported:

Sample Matrix:

06-10-98

06-10-98

Soil

Sample Weight:

5.00 grams

Volume Freon:

20.00 mL

Dilution Factor:

1 (unitless)

TPH Reading:

4 mg/kg

TPH Result:

16.0 mg/kg

Reported TPH Result:

16 mg/kg

Actual Detection Limit:

20.0 mg/kg

Reported Detection Limit:

20 mg/kg

QA/QC:

Original
TPH mg/kg

Duplicate
TPH mg/kg

%
Diff.

1684

1712

1.65

Comments:

*****Max Characters*****

Comments:

Separator Pit - BJ564

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

8J564

SUBMIT 1 COPY TO
NATURAL RESOURCE DEPT
AND OIL & GAS ADMINISTRATION

ON-SITE SOIL REMEDIATION REPORT

Operator: AMOCO PRODUCTION COMPANY Telephone: (505) 326-9200
Address: 200 Amoco Court, Farmington, NM 87401
Facility or Well Name: JICARILLA CONTRACT 148-24
Location: Unit or Qtr/Qtr Sec D Sec 14 T 25N R 5W County RIO ARriba
Land Type: RANGE
Date Remediation Started: 6-9-98 Date Completed: 1-20-99
Remediation Method: Landfarmed ☒ Approx. cubic yards 1180
Composted ☐
Other ☐

Depth To Groundwater: (pts.) 0
Distance to an Ephemeral Stream (pts.) 0
Distance to Nearest Lake, Playa, or Watering Pond (pts.) 0
Wellhead Protection Area: (pts.) 0
Distance To Surface Water: (pts.) 0

RANKING SCORE (TOTAL POINTS): 0

Final Closure Sampling:
Sampling Date: 1-18-99 Time: 1305
Sample Results: (LF-1)
Field Headspace (ppm) 1.7
TPH (ppm) 76.6 Method 8015
Other MULTIPLE SAMPLES - SEE ATTACHED FORM

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

DATE 1/20/99 PRINTED NAME Buddy D. Shaw
SIGNATURE Buddy D. Shaw AND TITLE Environmental Coordinator

AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES ☒ NO ☐ (REASON) _____

SIGNED: K-C M DATE: 3-31-99

CLIENT: AMOCOBLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199LOCATION NO: B5564C.D.C. NO: 6555

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: SICARILLA CONTRACT 148 WELL #: 24 PITS: SEP, BLOW
QUAD/UNIT: D SEC: 14 TWP: 25N RNG: 5W PM: NM CNTY: RA ST: NM
GIF/FOOTAGE: NW/4 NW/4 CONTRACTOR: P & SDATE STARTED: 1-18-99
DATE FINISHED: 1-20-99ENVIRONMENTAL
SPECIALIST: REP

SOIL REMEDIATION:

REMEDICATION SYSTEM: LANDFARMAPPROX. CUBIC YARDAGE: 1180LAND USE: RANGELIFT DEPTH (ft): 1-2

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'NMOC: PANKING SCORE: 0 NMOC: TPH CLOSURE STD: 5000 PPM

OK, YELLOWISH ORANGE - BROWN SAND. NON COHESIVE, SLIGHTLY MOIST FIRM.
NO STAINING OBSERVED. SLIGHT HC. ODDR AT SAMPLE POINTS ④ & ⑤. SAMPLING DEPTHS RANGE
FROM 4" - 18" TOOK A 5PT COMPOSITE SAMPLE FROM EACH LANDFARM AREA FOR LAB ANALYSIS

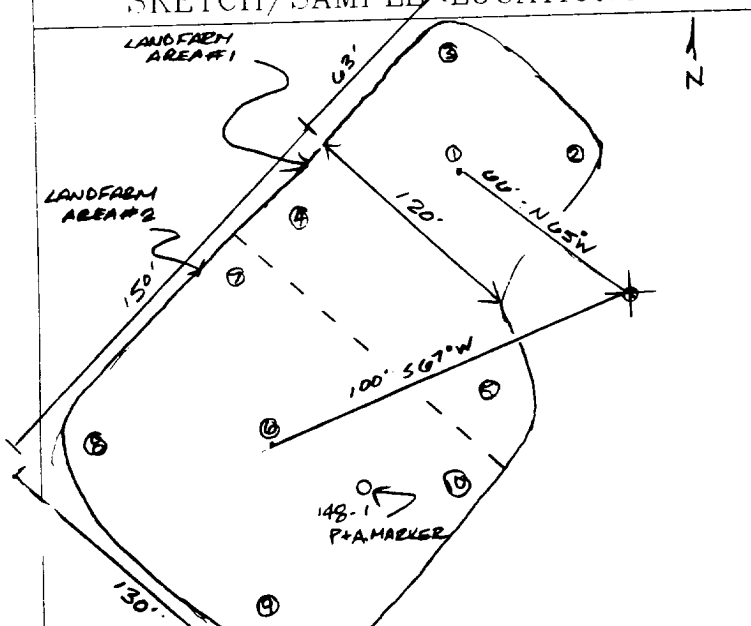
NOTE: THE SOIL WAS MOVED FROM THE SICARILLA CONTRACT 148-32 AND COMBINED WITH THE
SOIL AT THE 148-24. DISTANCE AND BEARING WERE TAKEN FROM 148-24 WELL HEAD.

CLOSED

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SKETCH/SAMPLE LOCATIONS



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
LF-1	1.7
LF-2	0.0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	TPH (R015)	1305	76.6
LF-2	" "	1335	12.2

SCALE



0 FT

TRAVEL NOTES:

CALLOUT: N/AONSITE: 1-18-99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Blagg / AMOCO
Sample ID: LF - 1
Laboratory Number: E539
Chain of Custody No: 6555
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

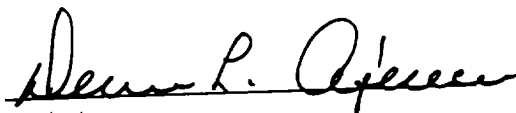
Project #: 04034-10
Date Reported: 01-20-99
Date Sampled: 01-18-99
Date Received: 01-19-99
Date Extracted: 01-20-99
Date Analyzed: 01-20-99
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.6	0.2
Diesel Range (C10 - C28)	74.0	0.1
Total Petroleum Hydrocarbons	76.6	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Jicarilla Contract 148 - 24 Landfarm. 5 Pt. Composite.


Analyst


Review

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client: Blagg / AMOCO
Sample ID: LF - 2
Laboratory Number: E540
Chain of Custody No: 6555
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

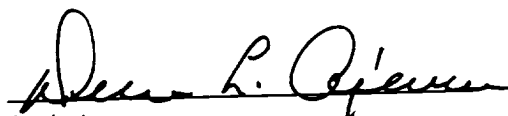
Project #: 04034-10
Date Reported: 01-20-99
Date Sampled: 01-18-99
Date Received: 01-19-99
Date Extracted: 01-20-99
Date Analyzed: 01-20-99
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	12.2	0.1
Total Petroleum Hydrocarbons	12.2	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,
SW-846, USEPA, December 1996.

Comments: Jicarilla Contract 148 - 24 Landfarm. 5 Pt. Composite.


Analyst


Review

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Ref cc 4552-6555