

Denny E. Faust
DEPUTY OIL & GAS INSPECTOR

AUG 24 1999

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

CP599

SUBMIT 1 COPY TO

NATURAL RESOURCE DEPT
AND OIL & GAS ADMINISTRATION

PIT REMEDIATION AND CLOSURE REPORT

Operator: CONOCO, INC. Telephone: (505) 324-5884
Address: 3315 Bloomfield Hwy., Farmington, NM 87401
Facility or Well Name: JICARILLA A #12
Location: Unit or Qtr/Qtr Sec D Sec 24 T 26N R 4W County RIO ARIZONA
Pit Type: Separator X Dehydrator Other
Land Type: RANGE

Pit Location: Pit dimensions: length 14', width 15', depth 3'
(Attach diagram) Reference: wellhead X, other
Footage from reference: 165
Direction from reference: 40 Degrees East of North
 West of 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> </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)	<u> </u>
Distance to Nearest Lake, Playa, or Watering Pond (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet	(10 points)	<u> </u>
	Greater than 100 feet	(0 points)	<u> </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> </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> </u>
	Greater than 1000 feet	(0 points)	<u> </u>

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____ Date Completed: 5/12/98

Remediation Method: Excavation ☒ Approx. cubic yards 20
eck 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. EXCAVATION MOSTLY BEDROCK,
THEREFORE NO TAP ANALYSIS WAS CONDUCTED.

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'

Sample date 8/12/98 Sample time 1230

Sample Results

Soil: Benzene (ppm)	_____	Water: Benzene (ppb)	_____
Total BTEX (ppm)	_____	Toluene (ppb)	_____
Field Headspace (ppm)	<u>0.0</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 8/12/98 PRINTED NAME Jeffrey C. Blagg, P.E. #11607

SIGNATURE Jeffrey C. Blagg AND TITLE President

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: Kent M... DATE: 9-9-98

CLIENT: <u>CONOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>C4599</u> C.O.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME JICARUA A WELL #: 12 PIT SEP.
QUAD/UNIT D SEC: 24 TWP: 26N RNG: 4W PM: NM CNTY: RA ST: NM
DTP/FOOTAGE: 850' FWL / 850' FWL CONTRACTOR: JVC

DATE STARTED: 8/12/98
DATE FINISHED: _____

ENVIRONMENTAL
SPECIALIST: NV

EXCAVATION APPROX. 14 FT. x 15 FT. x 3 FT. DEEP. CUBIC YARDAGE: 20
DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LANDFARM
LAND USE: RANGE LEASE: CONTRACT #105 FORMATION: PK/GP

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 165 FT. 5400 FROM WELLHEAD.

DEPTH TO GROUNDWATER: 2100' NEAREST WATER SOURCE: 21000' NEAREST SURFACE WATER: 21000'

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

SOIL AND EXCAVATION DESCRIPTION:

CHECK ONE :

✓ PIT ABANDONED

STEEL TANK INSTALLED

____ FIBERGLASS TANK INSTALLED

EXCAVATION CONSIST OF MOSTLY BEDROCK (SHALE) GREENISH GRAY IN COLOR, VERY HARD, NO APPARENT HC ODOOR ASSOCIATED W/ BEDROCK COLOR OR W/IN OUM SAMPLE, SAMPLE COLLECTED FR/ BEDROCK, THEREFORE NO TPH ANALYSIS WAS CONDUCTED.

EXCAVATION
MOSTLY
BLIND

CLOSED

SCALE

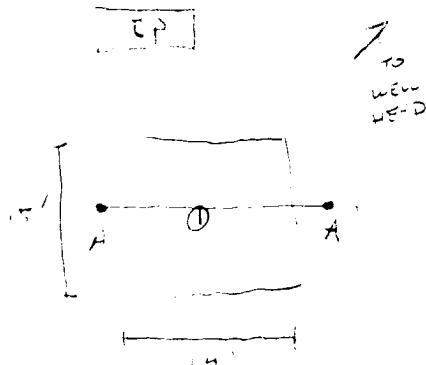
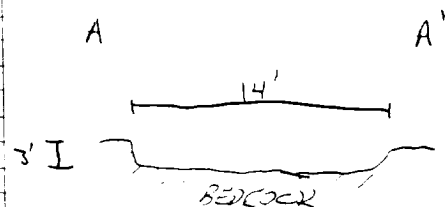
0 FT

FIELD 418.1 CALCULATIONS

FIELD 4.51 - ACCURATIONS							
TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1230							

PIT PERIMETER 2 OVM RESULTS

PIT PROFILE

[illegible]

TRAVEL NOTES: CALLOUT: 8/4/98 - AFTER. ONSITE: 8/5/98 - MORN, 8/12/98 - AFTER.

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DULCE, NEW MEXICO 87528

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

ON-SITE SOIL REMEDIATION REPORT

Operator: Conoco, Inc. Telephone: (505) 324-5884

Address: 3315 Bloomfield Hwy., Farmington, NM 87401

Facility or Well Name: JICARILLA A #12

Location: Unit or Qtr/Qtr Sec D Sec 24 T 26N R 4W County RIO ARRIBA

Land Type: RANGE

Date Remediation Started: 8/5/98 Date Completed: 4/15/99

Remediation Method: Landfarmed ✓ Approx. cubic yards 20

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: 4/14/99 Time: 1020

Sample Results:

Field Headspace (ppm) 0.0

TPH (ppm) 6.2 Method 8015

Other

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

DATE 4/15/99 PRINTED NAME Jeffrey C. Blagg, P.E. #11607

SIGNATURE Jeffrey C. Blagg AND TITLE President

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

APPROVED: YES X NO (REASON)

SIGNED: K. C. Mamm DATE: 6-3-99

CLIENT CONOCO BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO CA599
CDD NO 6646

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION NAME TIGRILLA A WELL #: 12 PITS: SEP.
QUAD UNIT D SEC: 24 TWP: 26N RNG: 4 W PM: NM CNTY: RA ST: NM
STAKEFOOTAGE NW 1/4 NW 1/4 CONTRACTOR: JVC

DATE STARTED 4/14/99
DATE FINISHED: _____
ENVIRONMENTAL SPECIALIST: NV

SOIL REMEDIATION

REMEDICATION SYSTEM: LANDFARM

APPROX CUBIC YARDAGE: 20

LAND USE RANGE

LIFT DEPTH (ft): 1-1.5

FIELD NOTES & REMARKS

DEPTH TO GROUNDWATER >100' NEAREST WATER SOURCE >1000' NEAREST SURFACE WATER >1000'

WELL REMAINS SCOPE 0 WOOD TPH CLOSURE STD 5000 ppm 8/5/98

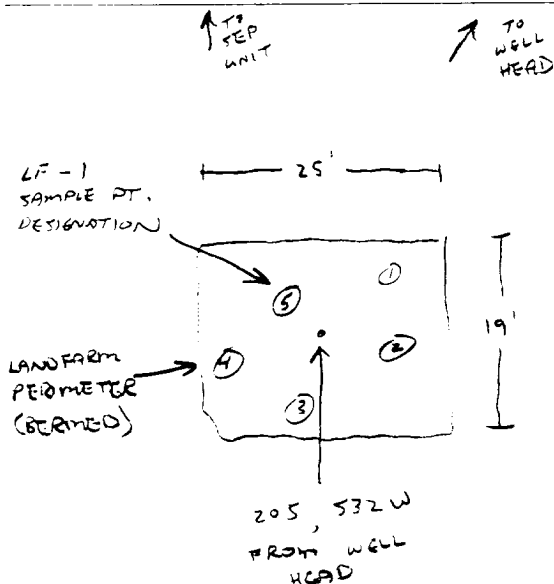
SOIL MOSTLY OLIVE GRAY SAND WITH SANDSTONE BEDROCK FRAGMENTS, NON COHESIVE, SLIGHTLY MOIST FIRM, SAMPLING DEPTHS RANGE FROM 8 - 12 INCHES, NO APPARENT STAINING OBSERVED, NO APPARENT HC ODOOR DETECTED IN ANY OF THE SAMPLING PTS., COLLECTED 5 PT. COMPOSITE SAMPLE FOR LAB ANALYSIS.

CLOSED

FIELD 4181 CALCULATIONS

ANALYTICAL SAMPLE ID	LAB NO.	WEIGHT (g)	ML. FREON	DILUTION	READING	CALC	ppm

SKETCH/SAMPLE LOCATIONS



OVN RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PC (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (8015)	1020	6.2

SCALE

0 FT

TRAVEL NOTES

CALCULATED: NA

ONSITE: 4/14/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

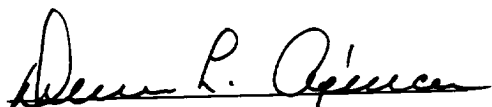
Client:	Blagg / CONOCO	Project #:	403410
Sample ID:	LF - 1	Date Reported:	04-15-99
Laboratory Number:	F025	Date Sampled:	04-14-99
Chain of Custody No:	6646	Date Received:	04-14-99
Sample Matrix:	Soil	Date Extracted:	04-15-99
Preservative:	Cool	Date Analyzed:	04-15-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

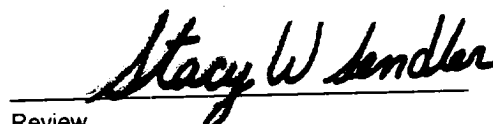
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.3	0.2
Diesel Range (C10 - C28)	3.9	0.1
Total Petroleum Hydrocarbons	6.2	0.2

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 A #12 Landfarm. 5 Pt. Composite.


Analyst


Review

6646

[illegible]