

OK

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

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 B 9 A

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

Pit Type: Separator ☐ Dehydrator ☐ Other FLARE

Land Type: JICARILLA TRIBAL

Pit Location:
(Attach diagram)

Pit dimensions: length 20, width 20, depth 2

Reference: wellhead X, other _____

Footage from reference: 310

Direction from reference: 66 Degrees X East of North _____
_____ West of South X

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

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 5-15-99 Date Completed: _____

Remediation Method: Excavation _____ Approx. cubic yards 0
(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____

Other PIT CLOSED AS IS - NO REMEDIATION REQUIRED

Remediation Location: Onsite _____ Offsite NONE REQUIRED
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: BACKFILLED

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 4' BELOW PIT BOTTOM

Sample date 5-15-99 Sample time 0950

Sample Results

Soil: Benzene	(ppm)	<u>—</u>	Water: Benzene	(ppb)	<u>—</u>
Total BTEX	(ppm)	<u>—</u>	Toluene	(ppb)	<u>—</u>
Field Headspace	(ppm)	<u>8.5</u>	Ethylbenzene	(ppb)	<u>—</u>
TPH	(ppm)	<u>35</u>	Total Xylenes	(ppb)	<u>—</u>

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 5-27-99 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: Kenneth M. Munnell DATE: 6-3-99

CLIENT: <u>CONOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: _____ C.O.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>JICARILLA B</u> WELL #: <u>9-A</u> PIT: <u>BURN</u> QUAD/UNIT: <u>D</u> SEC: <u>26</u> TWP: <u>26N</u> RNG: <u>4W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u> QTR/FOOTAGE: <u>NW/4</u> <u>NW/4</u> CONTRACTOR: <u>—</u>	DATE STARTED: <u>5-15-99</u> DATE FINISHED: <u>5-15-99</u> ENVIRONMENTAL SPECIALIST: <u>BLAGG</u>
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EXCAVATION APPROX. <u>20</u> FT. x <u>20</u> FT. x <u>2</u> FT. DEEP.	CUBIC YARDAGE: <u>0</u>
DISPOSAL FACILITY: <u>NONE</u>	REMEDIAL METHOD: <u>BACKFILL</u>
LAND USE: <u>JICARILLA</u>	LEASE: <u>106</u> FORMATION: _____

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>310</u> FT. <u>566E</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>>100</u> NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u>>1000</u> NMOC RANKING SCORE: <u>0</u> NMOC TPH CLOSURE STD: <u>5,000</u> PPM SOIL AND EXCAVATION DESCRIPTION:
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CHECK ONE:	
☒	PIT ABANDONED
☐	STEEL TANK INSTALLED
☐	FIBERGLASS TANK INSTALLED

PIT TESTED PRIOR TO REMEDIAL ACTIVITIES. HAND AUGER TO 4' SUBSURFACE TO COLLECT SAMPLES. NO HC ODOR OR STAIN. RED-BLACK BURNED SOIL FROM 6" - 1 1/2' DEPTH. SILTY SAND FROM 1 1/2' - 4'.

FIELD 418.1 CALCULATIONS

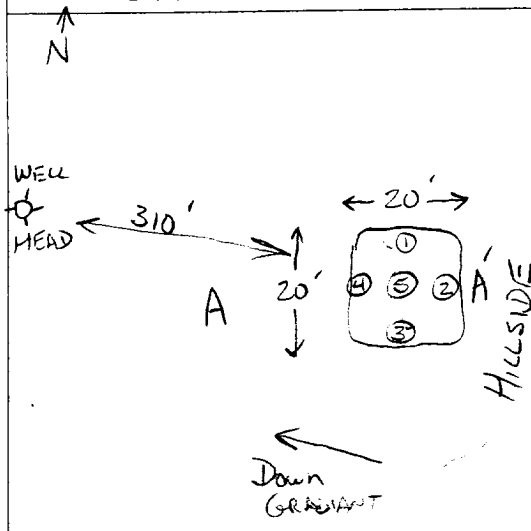
TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SCALE



0 FT

PIT PERIMETER

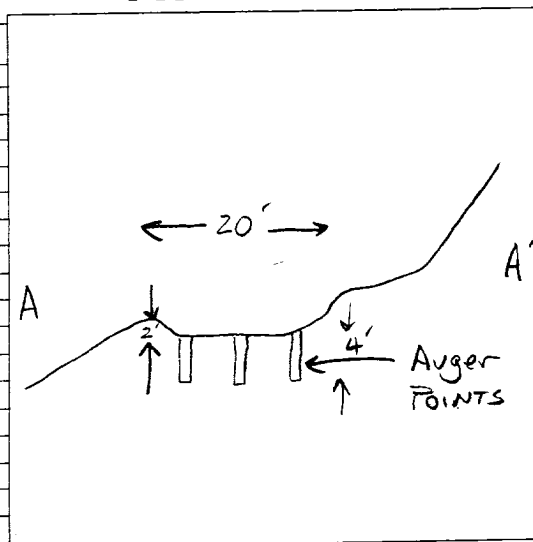


OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1N @ 4'	ND
2E @ 4'	ND
3S @ 4'	2.2
4W @ 4'	ND
5C @ 4'	8.5

SAMPLE ID	ANALYSIS	TIME
C @ 4'	TPH @ 15	0950

PIT PROFILE



TRAVEL NOTES:	CALLOUT: _____	ONSITE: _____
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Blagg / CONOCO
Sample ID: Burn Pit C @ 4'
Laboratory Number: F260
Chain of Custody No: 6869
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

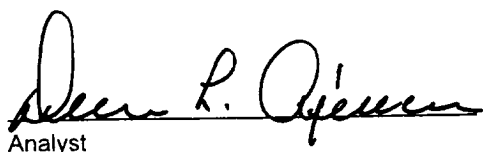
Project #: 403410
Date Reported: 05-17-99
Date Sampled: 05-15-99
Date Received: 05-17-99
Date Extracted: 05-17-99
Date Analyzed: 05-17-99
Analysis Requested: 8015 TPH

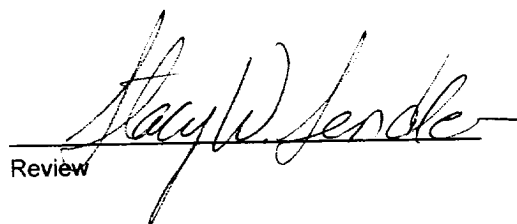
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	8.1	0.2
Diesel Range (C10 - C28)	26.9	0.1
Total Petroleum Hydrocarbons	35.0	0.2

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 B 9 - A.


Analyst


Review

6989

ENVIROTECH INC.

**5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615**