

Henry G. Root
DEPUTY OIL & GAS INSPECTOR

FEB 16 1999

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

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

Approved
Henry G. Root
PIT REMEDIATION AND CLOSURE REPORT

Operator: CONOCO, INC. Telephone: (505) 324-5884

Address: 3315 Bloomfield Hwy., Farmington, NM 87401

Facility or Well Name: NE HAYNES 6E

Location: Unit or Qtr/Qtr Sec B Sec 15 T 24N R 5W County RIO ARriba

Pit Type: Separator Dehydrator X Other

Land Type: RANGE

Pit Location:
(Attach diagram)

Pit dimensions: length 18, width 21, depth 12

Reference: wellhead X, other

Footage from reference: 125

Direction from reference: 12 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)	20

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)	0

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)	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	(20 points)	
No	(0 points)	0

Distance To SurfaceWater:

(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): 20

Date Remediation Started: 11-11-98 Date Completed: 11-19-98

Remediation Method: Excavation X Approx. cubic yards 168
(Check all appropriate sections) Landfarmed Insitu Bioremediation
Other STOCKPILE

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

General Description of Remedial Action: Excavation

Groundwater Encountered: No X 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 12
Sample date 11-19-98 Sample time 1000

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>ND</u>	Ethylbenzene	(ppb)	<u>—</u>
TPH	(ppm)	<u>ND</u>	Total Xylenes	(ppb)	<u>—</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 12-17-98 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 X NO (REASON)

SIGNED: Ken C. Marshall DATE: 12-28-98

CLIENT: <u>CONOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: _____ C.O.C. NO: <u>6399</u>
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>NE HAYNES</u> WELL #: <u>6E</u> PIT: <u>DEHK</u>	DATE STARTED: <u>11-11-98</u> DATE FINISHED: <u>11-19-98</u>
QUAD/UNIT <u>B</u> SEC: <u>15</u> TWP: <u>24N</u> RNG: <u>5W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>	ENVIRONMENTAL SPECIALIST: <u>JCC</u>
RTP/FOOTAGE: _____ CONTRACTOR: <u>JVJ</u>	


EXCAVATION APPROX. <u>13</u> FT. x <u>21</u> FT. x <u>12</u> FT. DEEP. CUBIC YARDAGE: <u>168</u>
DISPOSAL FACILITY: <u>ONSITE</u> REMEDIATION METHOD: <u>STOCKPILE</u>
LAND USE: <u>RANGE</u> LEASE: <u>INDIAN CONTRACT 36</u> FORMATION: <u>DAKOTA</u>

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>125</u> FT. <u>S/E</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER: <u>< 50'</u> NEAREST WATER SOURCE: <u>> 1000</u> NEAREST SURFACE WATER: <u>> 1000</u>
NMOCB RANKING SCORE: <u>20</u> NMOCB TPH CLOSURE STD: <u>100</u> PPM
SOIL AND EXCAVATION DESCRIPTION:

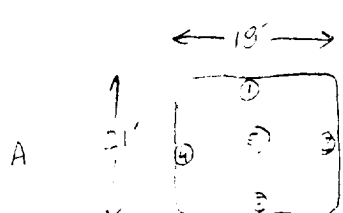
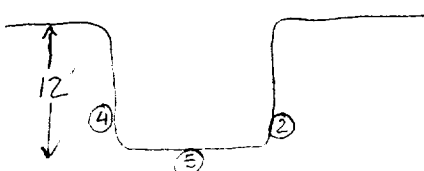
CHECK ONE:
<input checked="" type="checkbox"/> PIT ABANDONED
<input type="checkbox"/> STEEL TANK INSTALLED
<input type="checkbox"/> FIBERGLASS TANK INSTALLED

GRAY TAN CLAYEY SAND, DRY TO MOIST, NON COHESIVE.
NO OIL OR HC STAIN ON ANY SIDEWALL, BOTTOM, OR
SURFACE.

FIELD 418.1 CALCULATIONS							
TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SCALE
0  1 FT

PIT PERIMETER OVM RESULTS PIT PROFILE

	<table border="1"> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE PID (ppm)</th> </tr> <tr><td>1N @ 10'</td><td>ND</td></tr> <tr><td>2E @ 10'</td><td>ND</td></tr> <tr><td>3S @ 10'</td><td>ND</td></tr> <tr><td>4W @ 10'</td><td>ND</td></tr> <tr><td>5' @ 12'</td><td>ND</td></tr> </table>	SAMPLE ID	FIELD HEADSPACE PID (ppm)	1N @ 10'	ND	2E @ 10'	ND	3S @ 10'	ND	4W @ 10'	ND	5' @ 12'	ND	
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<table border="1"> <tr> <th colspan="3">LAB SAMPLES</th> </tr> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> <tr><td>C @ 12'</td><td>8015</td><td>1000</td></tr> </table>	LAB SAMPLES			SAMPLE ID	ANALYSIS	TIME	C @ 12'	8015	1000					
LAB SAMPLES														
SAMPLE ID	ANALYSIS	TIME												
C @ 12'	8015	1000												

TRAVEL NOTES: CALLOUT: <u>11/13/98</u> ONSITE: <u>11/19/98</u>
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

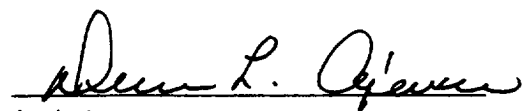
Client:	Blagg / CONOCO	Project #:	04034-10
Sample ID:	C @ 12'	Date Reported:	11-20-98
Laboratory Number:	E195	Date Sampled:	11-19-98
Chain of Custody No:	6399	Date Received:	11-19-98
Sample Matrix:	Soil	Date Extracted:	11-20-98
Preservative:	Cool	Date Analyzed:	11-20-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

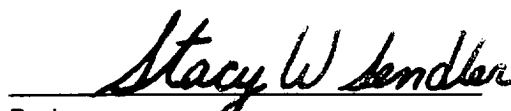
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: NE Haynes 6E.


Analyst


Review

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

ON-SITE SOIL REMEDIATION REPORT

Operator: <u>CONOCO</u> Telephone: <u>(505) 324-</u>	
Address: <u>3315 BLOOMFIELD HWY, FARMINGTON, NM 87401</u>	
Facility or Well Name: <u>NE HAYNES 6E</u>	
Location: Unit or Qtr/Qtr Sec <u>B</u> Sec <u>15</u> T <u>24N</u> R <u>5W</u> County <u>RIO ARIZONA</u>	
Land Type: <u>RANGE</u>	
Date Remediation Started: <u>11/11/93</u> Date Completed: <u>11-19-93</u>	
Remediation Method: Landfarmed <u> </u> Approx. cubic yards <u>168</u>	
Composted <u> </u>	
Other <u>STOCKPILED / TURNED & AERATED</u>	
Depth To Groundwater: (pts.) <u>20</u>	Final Closure Sampling: Sampling Date: <u>11-19-93</u> Time: <u>1005</u> Sample Results: <u>LOC 6399</u> Field Headspace (ppm) <u>ND</u> TPH (ppm) <u> </u> Method <u>8015</u> Other <u>NOTE: 5 pt composite from stockpile</u>
Distance to an Ephemeral Stream (pts.) <u>0</u>	
Distance to Nearest Lake, Playa, or Watering Pond (pts.) <u>0</u>	
Wellhead Protection Area: (pts.) <u>0</u>	
Distance To Surface Water: (pts.) <u>0</u>	
RANKING SCORE (TOTAL POINTS): <u>20</u>	
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF	
DATE <u>12-17-98</u>	PRINTED NAME <u>JEFFREY C. BLAGG</u>
SIGNATURE <u>Jeffrey C Blagg</u>	AND TITLE <u>NMPE 11607</u>
AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.	
APPROVED: YES <u>X</u> NO <u> </u> (REASON) <u>use as Backfill</u>	
SIGNED: <u>Ken C M...ell</u> DATE: <u>12-28-98</u>	

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

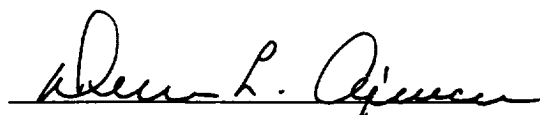
Client:	Blagg / CONOCO	Project #:	04034-10
Sample ID:	Stockpile	Date Reported:	11-20-98
Laboratory Number:	E196	Date Sampled:	11-19-98
Chain of Custody No:	6399	Date Received:	11-19-98
Sample Matrix:	Soil	Date Extracted:	11-20-98
Preservative:	Cool	Date Analyzed:	11-20-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

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

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

Comments: **NE Haynes 6E.**


Analyst


Review

6399

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