

Henry S. Foust
DEPUTY OIL & GAS INSPECTOR

AUG 24 1999

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

CA561

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: AXI APACHE J #18

Location: Unit or Qtr/Qtr Sec A Sec 8 T25N R5W County RIO ARRIBA

Pit Type: Separator Dehydrator Other

Land Type: RANGE

Pit Location: Pit dimensions: length 34', width 26', depth 8'

(Attach diagram)

Reference: wellhead , other

Footage from reference: 60'

Direction from reference: 2 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>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: _____ Date Completed: 6/3/98

Remediation Method: Excavation Approx. cubic yards 250

(check all appropriate sections)

Landfarmed Insitu Bioremediation _____

Other _____

Remediation Location: Onsite _____ Offsite AXI APACHE J #25 (A-7-25-5)
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: Excavation

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 9'

Sample date 6/3/98 Sample time 0820

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>28</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 6/3/98 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: Kevin C. Mamm DATE: 6-15-98

3003920419

CLIENT: <u>CONOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>CAS61</u> C.O.C. NO: _____
-----------------------	--	---

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: <u>AXI APACHE J</u> WELL #: <u>18</u> PIT: <u>SEP</u>	DATE STARTED: <u>6/3/98</u>
QUAD/UNIT: <u>A</u> SEC: <u>9</u> TWP: <u>25N</u> RNG: <u>5W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>	DATE FINISHED: _____
STR/FOOTAGE: <u>1050' ENCL 990' FEL</u> CONTRACTOR: <u>JVC</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>

EXCAVATION APPROX. 34 FT. x 26 FT. x 8 FT. DEEP. CUBIC YARDAGE: 250

DISPOSAL FACILITY: AXI APACHE J #25 REMEDIATION METHOD: LANDFARM

LAND USE: RANGE LEASE: CONTRACT 147 FORMATION: CK/MV

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 60 FT. SW FROM WELLHEAD

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

NMCD BANKING SCORE: 0 NMCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

CHECK ONE :

PIT ABANDONED

STEEL TANK INSTALLED

FIBERGLASS TANK INSTALLED

PALE TO MOD. YELL. BROWN SAND TO SILTY SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM TO STIFF, APPARENT STAINING APPROX. '4-5' BELOW GRADE ('1' THICKNESS) ON SOUTH SIDEWALL ONLY, NO APPARENT HC OODR IN ANY OF THE OVM SAMPLES.

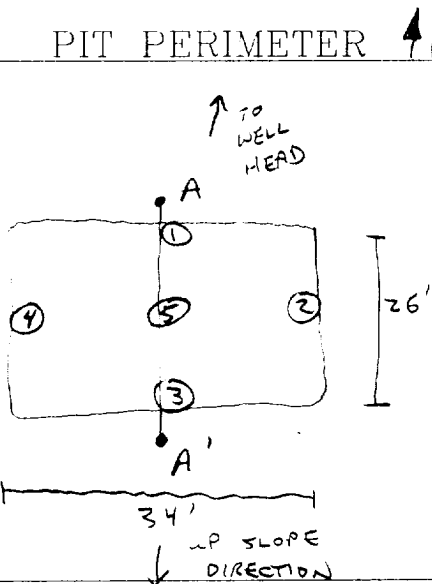
CLOSED



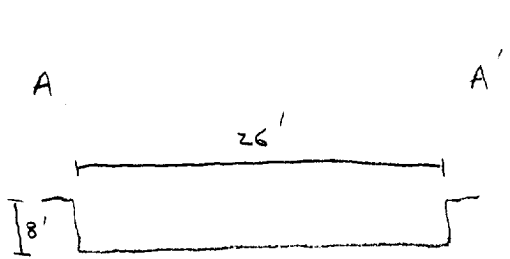
FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
0820	(5) e 9'	TPH-1987	5	20	1:1	7	28

PIT PERIMETER RESULTS PIT PROFILE



SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 e 4'	0.0
2 e 4'	0.0
3 e 4'	0.0
4 e 4'	0.0
5 e 9'	0.0



LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

TRAVEL NOTES: CALLOUT: 6/2/98 - AFTER. ONSITE: 6/3/98 - 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:	CONOCO	Project #:	
Sample ID:	5 @ 9'	Date Analyzed:	06-03-98
Project Location:	Axi Apache J # 18	Date Reported:	06-03-98
Laboratory Number:	TPH-1987	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	28	20

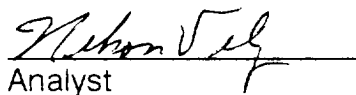
ND = Not Detectable at stated detection limits.

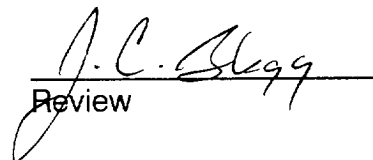
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	1684	1712	1.65

*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 - CA561


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:

CONOCO

Project #:

Sample ID:

5 @ 9'

Date Analyzed:

06-03-98

Project Location:

Axi Apache J # 18

Date Reported:

06-03-98

Laboratory Number:

TPH-1987

Sample Matrix:

Soil

Sample Weight:

5.00 grams

Volume Freon:

20.00 mL

Dilution Factor:

1 (unitless)

TPH Reading:

7 mg/kg

TPH Result:

28.0 mg/kg

Reported TPH Result:

28 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 - CA561