UNYUY

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

	· /505\224 5994
Operator: CONOCO, INC.	Telephone: (505) 324-5884
Address: 3315 Bloomfield Hwy., Farmingto	on, NM 87401
Facility or Well Name: JICARILLA #17	
Location: Unit or Qtr/Qtr Sec_B Sec_37 T_2.6	SN R 4W County RIO ARRI 8A
Location. One of Qu/Qu sec sec 90	DOWN TON TANK
Pit Type: Separator Dehydrator Other_ PR	ODUCTION THEE
Land Type: RANGE	
(A week diagram)	55', width 34', depth 15'
	other
Footage from reference: (35	
Direction from reference: 68	Degrees East North
	── West South ──
high water elevation of	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points)
proundwater) 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)
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)
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)
Distance To SurfaceWater: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, :igation canals and ditches)	Less than 100 feet (20 points) 100 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)
•	RANKING SCORE (TOTAL POINTS):

CA404

Date Remediation St	arted: Date Completed:						
mediation Method:	Excavation Approx. cubic yards 500						
ck all appropriate	Landfarmed X Insitu Bioremediation						
	Other						
Remediation Location (i.e. landfarmed onsite, name and location of offsite facility)	Onsite Offsite X JICARIULA LANDFARM # 7						
General Description	of Remedial Action: Excavation + HAUL						
Groundwater Encoun	tered: No X Yes Depth						
Final Pit: Closure Sampling: (if multiple samples,	Sample location see Attached Documents						
attach sample results and diagram of sample	Sample depth						
locations and depths)	Sample date 8/13/96 Sample time						
	Sample Results						
,							
	Tomi Bibli						
	Total Itempate (F)						
	TPH (ppm) <u>64</u> Total Xylenes (ppb)						
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 KNOWLEGE AND BELIEF							
DATE	PRINTED NAME Jeffrey C. Blagg, P.E.# 11607						
SIGNATURE	Un C. Slogg AND TITLE President						
AFTER REVIEW OF	THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE APACHE TRIBE PIT CLOSURE ORDINANCE.						
APPROVED: YES Z	<u>NO (REASON)</u>						
SIGNED:	C. Manuell DATE: 8-15-96						

FIELD REPORT: CLOSURE VERIFICATION PAGE NO: _/ of // COCATION: NAME TICARLUM QUAD/UNIT	CLIENT: <u>CONOCO</u>		BLAGG I OX 87, (50		IELD, N		3]: <u>CAY04</u>]: <u>4891</u>
QUAD/UNIT & SEC. 37 TWP. 163 RNG. 4 W PM NOT. CRITY: A STAND OTREPOLITAGE: 990 FML / 1850 FEL CONTRACTOR: A CALE / GORZA EXCAVATION APPROX 35 FT. x 34 FT. x /5 FT. DEEP. CUBIC YARDAGE: 520 DISPOSAL FACILITY: TICAGULA LAUDEAN #7 REMEDIATION METHOD: LANDFORGED LAND USE: RANGE LEASE: CONTRACT # 120 FORMATION: FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 135 FT. SCFW FROM WELLHEAD. DEPTH TO GROUNDVATER: 2/20' NEAREST VATER SOURCE: 21000' VEAREST SURFACE VATER 7/200' NMOCD PANKINS SCIDED NAMED THE CLOSURE STD 5000 PPM PIT ARABODNED STEEL TANK INSTALLED SOIL AND EXCAVATION DESCRIPTION: MOSTICA DK. YELL. BROWN SILTY TAND ROTEM OUNG GRAY) NON-CONESIVE, SILENTLY MISS, FROM VISIBLE STRIPPING DREADED WIN ANY OF THE SIDEMALS. FIELD 418.1 CALCULATIONS COSCOLUTION OF THE SIDEMALS. OFTO ON VISIBLE STRIPPING DREADED WIN ANY OF THE SIDEMALS. FIELD 418.1 CALCULATIONS COSCOLUTION OF THE SIDEMALS. A A SOURCE OF ON	FIELD REPOR	RT: (CLOSU	RE VI	ERIFIC	CATION	PAGE	No:	/_ of _/_
DISPOSAL FACILITY: TICARIUM LANDFAM #7 REMEDIATION METHOD: LANDFAM-ED LAND USE: RANGE LEASE: CONTRACT #120 FORMATION: FIELD NOTES & REMARKS: PIT LDCATED APPROXIMATELY 135 FT. 368W FROM WELLHEAD. BEPTH TO GROUNDWATER: 2100' NEAREST VATER SDURCE 21000' VEAREST SURFACE VATER 71000' NMDCD RANKING SCORE: O NMDCD TPH CLOSURE STD 5000 PPH SDIL AND EXCAVATION DESCRIPTION: STEEL AND INTERPRETATION DESCRIPTION: ANOTHER DE. YELL. GROWN SILTY JAND, BOTTOM CLIVE GRAY) NN-CONESING, THINTLY MOSTLY DE. YELL. GROWN SILTY JAND, BOTTOM CLIVE GRAY) NN-CONESING, THINTLY MOSTLY FIRM TO DENSE SWEATH HE CORE IN OT BOTTOM OFM. TIME SAMPLE I.D. LAB NO: WEIGHT (g) ml. FREON DILUTION READING CALC. PPM O FT PIT PERIMETER RESULTS SAMPLE I.D. LAB NO: WEIGHT (g) ml. FREON DILUTION READING CALC. PPM O FT PIT PERIMETER RESULTS SAMPLE I.D. LAB NO: WEIGHT (g) ml. FREON DILUTION READING CALC. PPM O FT OVM RESULTS SAMPLE I.D. LAB NO: WEIGHT (g) ml. FREON DILUTION READING CALC. PPM O FT OVM PIT PROFILE A A LAB SAMPLES	QUAD/UNIT: & SEC:	37 TWP:	ルタ RNG:	4心 PM:	NM CNT	Y: RA ST:NO	DATE	FINISHED: _	
DEPTH TO GROUNDWATER 2100' NEAREST VATER SQURCE: 31000' NEAREST SURFACE VATER: 71000' NEAREST SURFACE VALER: 71000' NEAREST SURFACE VATER: 71000' NEAREST SU	DISPOSAL FACILITY: TIC	ARIUA I	LANDFAR- LEASI	#7 R	EMEDIATI	ON METH	IOD:4 ORMATI	.anofar ON:	-ED
SCALE O FT PIT PERIMETER O VISIBLE STRIPLE SAMPLE 1D. LAB NO: WEIGHT (g) ML FREON DILUTION READING CALC. ppm O FT O FT O VM RESULTS SAMPLE 1D. LAB NO: WEIGHT (g) ML FREON DILUTION READING CALC. ppm O FT O FT O VM RESULTS SAMPLE 1D. 10 O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.	DEPTH TO GROUNDWATER: 214 NMOCD RANKING SCORE: 0	NEARE	EST WATER SI	OURCE:>	10001	EAREST SURF	ACE WATE CHE	R: <u>>/</u> ICK DNI ABANDON	<u>000'</u> E_: IED
SCALE 0 FT PIT PERIMETER N RESULTS PIT PROFILE SAMPLE PID (ppm) 1 = 0 / 0 . 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 . 0 3 = 0 / 0 0 0 = 0 / 0 0 = 0 / 0 0 = 0 / 0 0 = 0 / 0 0 = 0 / 0 0 0 = 0 / 0 0 = 0 / 0 0 = 0 / 0 0 = 0 / 0 0 = 0 / 0 0 0 = 0 / 0 0 = 0 / 0 0 = 0 / 0 0 = 0 / 0 0 = 0 / 0 0 0 = 0 / 0 0 = 0 / 0 0 0 = 0 / 0 0 0 0 0 0 0			BROWN SI PLE STRIN			OLIVE G ODER IN IN RAY	ray) ^ PIT BOI OF THE	51DEU	ESIVE,
PIT PERIMETER RESULTS SAMPLE FIELD HEADSPACE PRID (Spm) 1					D 4181 CH	LCULATIONS			(8 800)
TANK TANK A LAB SAMPLES SAMPLE ANALYSIS TIME Q 216' 657EX 0940				LAB No: л рн -,,,,,%	WEIGHT (g)	mL. FREON	DILUTION		CALC. ppm
TRAVEL NOTES: CALLOUT: 8/12/96 AFTER. ONSITE: 8/13/96 MORN-	O FT	0940	डिटाद'	LAB No:	WEIGHT (g)	mL. FREON	DILUTION 1:1	16	CALC. ppm

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

Sample ID:

5 @ 16'

Project #:
Date Analyzed:

08-13-96

Project Location:

Jicarilla # 17

Date Reported: Sample Matrix:

08-13-96 Soil

Laboratory Number:

TPH-1778

Parameter Result, mg/kg Limit, mg/kg
----Total Recoverable
Petroleum Hydrocarbons 64 20

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample	Duplicate	%
TPH mg/kg	TPH mg/kg	*Diff.
3292	3536	7.15

^{*}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:

Production Tank Pit - CA404

Analyst

R. F. O WH



EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Blagg / Conoco	Project #:	04034
Sample ID:	5 @ 16'	Date Reported:	08-14-96
Laboratory Number:	A473	Date Sampled:	08-13-96
Chain of Custody:	4891	Date Received:	08-14-96
Sample Matrix:	Soil	Date Analyzed:	08-14-96
Preservative:	Cool	Date Extracted:	08-14-96
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)		
Benzene	42.1	17.5		
Toluene	7,230	16.7		
Ethylbenzene	3,270	15.2		
p,m-Xylene	2,780	21.6		
o-Xylene	1,910	10.4		
Total BTEX	15.230			

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	100 %

References:

Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846,

USEPA, Sept. 1994.

Comments:

Jicarilla #17 Prod. Tank Pit.

Analyst Quencer

Stacy W Sendler
Review

			Remarks			PRESEN COOL			*		Dets Time	8/14/66 030			ean base nages Form STI-41
		ANALYSIS/PARAMETERS									9	d. Chui	7		
Y RECORD			C	nonia	108) 218 nuos on	>					Received by (Signature)		Received by: (Signature)	Received by: (Signature)	INC. 64-3014 ico 87401 5
HAIN OF CUSTODY RECORD	PROD TANK PIT	#17			Sample Matrix	2012					Time	8/14/86 0705 X	Recei	Receiv	ENVIROTECH INC. 5796 U.S. Highway 64:3014 Farmington, New Mexico 87401 (505) 632-0615
CH	Project Location	JICARILLA 7		04034	Lab Number	A473					0	8//B		-	
					Sample	0460						ļ			
		como e0	1	4	Sample Date	8/13/96					,	7			
	Client/Project Name	BLAGE / CO.	Sampler: (Signature)	/ (Moon Ve	Sample No./ Identification	@ @ 16'					Refinquished by: (Signature)	1/Man Ur	Relinquished by: (Signature)	Relinquished by: (Signature)	