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

Denny 9 SUBMIT I COPY TO NATURAL RESOURCE DEPT DEPUTY O HARSO GASANDARO FOR N

AUG 2 3 1996

His wood

## PIT REMEDIATION AND CLOSURE REPORT

Operator: Conoco, Inc. Telephone: (505) 324-5884 Address: 3315 Bloomfield Hwy. Farmington, NM 87401 Facility or Well Name: JICARILA D // A Unit or Qtr/Qtr Sec\_P Sec\_29 T\_26N R3W County RIO ARRIBA Location: Separator\_\_\_ Dehydrator\_\_\_ Other\_\_\_ BLOW Pit Type: Land Type: \_\_ LANGE length Sz', width Sl', depth 30' Pit dimensions: Pit Location: (Attach diagram) Reference: wellhead X, other\_\_\_\_\_ Footage from reference: 96' Direction from reference: 40 Degrees East North of South > (20 points) Less than 50 feet **Depth To Groundwater:** (10 points) 50 feet to 99 feet (Vertical distance from 0 ( 0 points) Greater than 100 feet contaminants to seasonal high water elevation of groundwater) (10 points) Less than 100 feet Distance to an Ephemeral Stream 0 Greater than 100 feet ( 0 points) (Dry Wash greater than ten feet in width) (10 points) Less than 100 feet Distance to Nearest Lake, Playa, or Watering Pond Greater than 100 feet (0 points) (Dry Wash greater than ten feet in width) (20 points) Yes Wellhead Protection Area: (0 points) No (Less than 200 feet from a private domestic water source, or: less than 1000 feet from all other water sources) OIL COM. DIN Less than 100 feet (20 points) Distance To SurfaceWater: (10 points) (0 points) 100 feet to 1000 feet (Horizontal distance to perennial Greater than 1000 feet lakes, ponds, rivers, streams, creeks, i-rigation canals and ditches)

RANKING SCORE (TOTAL POINTS):

CA 358

Date Remediation Sta	nrted:	Date Completed:	4/17/96
mediation Method:	Excavation 🔀	Approx. cubic yards _	2775
sections)	Landfarmed X	Insitu Bioremediation _	
,	Other		
Remediation Location (i.e. landfarmed onsite, name and location of offsite facility)	<u>-                                    </u>	TERRIVA L.L.P.	LANDFARM #Z
General Description	of Remedial Action: &×c	AUATION + HAUL	
Groundwater Encoun	tered: No <u>×</u> Y	es Depth	
Final Pit: Closure Sampling: (if multiple samples, attach sample results	ATTACHED,	psure verification - ;	
and diagram of sample locations and depths)	Sample depth $24^{\prime\prime}$ Sample date $4^{\prime\prime}$	Sample time	/450
		Sample time	
	Sample Results	W. D.	(n=h)
		pm) Water: Benz	<b>~ -</b>
	_	pm) Tolue	
	Field Headspace (p		benzene (ppb)
	TPH (p)	om) 36 Total	Xylenes (ppb)
Groundwater Sample	Yes No	(If yes, attach sample resu	lts)
I HEREBY CERTIFY KNOWLEGE AND B		ABOVE IS TRUE AND COMPL	ETE TO THE BEST OF MY
DATE APR	ic 17 1996 PRINT	TED NAME JEFFER C. E	Sul-1de
SIGNATURE Jef	L. C. Blogg AN	TED NAME JEHREY C. TO D TITLE PE. # 11607	
AFTER REVIEW OF	THE PIT CLOSURE INFORM APACHE TRIBE PIT CLOSU	MATION, PIT CLOSURE IS APP	ROVED IN ACCORDANCE
APPROVED: YES	_		
SIGNED: OU	& Marin D	ATE: <u>4-22-96</u>	

CLIENT: CONOCO	P.O. BOX 8	G ENGINEER 7, BLOOMFIE (505) 632-1	LD, NN	IC. I 87413			CA 358
FIELD REPOR	T: CLO	SURE VE	RIFICA	ATION	PAGE N	10: 7	_ of
LOCATION: NAME: JIARN QUAD/UNIT: P SEC: 7	9 TWP: 26N	RNG: 3W PM: PM	CNTY:	RA ST:NM	DATE SINI	SHED:	
QTR/FUUTAGE: 790 FSL					<del></del>		
EXCAVATION APPROX. S	<u> </u>	FT. x _ 3 D	FT. DEE	P. CUBIC	YARDA	GE:	./.3
DISPOSAL FACILITY: JICO LAND USE: RANGE	RILLA L.L.P LA	ease:	MEDIATIO	N METHO FOI	D: <u>~~~</u> RMATION	<u> </u>	<u>иер</u>
							\./ELLHEAD
FIELD NOTES & REMAR	KS: PIT LOC	ATED APPRUXIMA	1 ELY	ARFST SURFAC	E VATER	>10	001
					CHEC	K DNE	
NMOCD RANKING SCORE,	NMOCU IPH C	LUSURE STD:	<u> </u>		PIT AB		1
SOIL AND EXCAVATIO	N DESCRIPTI	□N:		1			INSTALLED
OK. YELL. BRO	NO DARE NO	N-COHESIVE S OUM SAMPLES	ightly a	noist, FIRE	י פנו ניים	A PPAIC	in he
DOOR IN AN.	V OF THE	SAMILES	•				
						0. <del>-</del> #	
BITON - BEDROCK	SHALE SO	FT SUGHT PO	0001	2 12 00	n 54m		
				CULATIONS			
	TIME SAMPL	E I.D. LAB No: W	EIGHT (g)	mL. FREON D	ILUTION R	EADING	CALC. ppm
SCALE	vso De	24' TPH-1713	5	20	1:1	9	36
O FT		OVM		DIM			
PIT PERIMI	ETER AN	RESULTS	<del></del>	PIT	PRO	FILE	
		SAMPLE FIELD HEAD ID PID (PI	SPACE m)	A			A'
52		20 24' 0.0					
TO WELL HEAD		3 < 24' 1.0 4 < 24' 0.0					
HEAD	$\neg  \tau  \vdash$	5 <b>@</b> 30/ 51.4		T			BENCH
				, \			26264
<b>©</b>	E 51'		30				
_ (3)				7	Γτ',	_/_	
11'		LAB SAMPLE	_		<u> </u>	7 1	
		SAMPLE ANALYSIS	TIME	- ////	benen	بر ترحد پر	
<u> </u>				- 1117	8FORO	EX	
10'		SAMPLE ANALYSIS		- /// <del>/</del>	8EDRO	ÉK	
<u> </u>		SAMPLE ANALYSIS		- ''/)-	BEDRO	ÉK	

## 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, INC.

Project #:

Sample ID:

1 @ 24'

Date Analyzed:

04-17-96

Project Location:

Jicarilla D 11 A

Date Reported:

04-17-96

Laboratory Number:

TPH-1713

Sample Matrix:

Soil

		Detection
Parameter	Result, mg/kg	Limit, mg/kg
Total Recoverable		00
Petroleum Hydrocarbons	36	20

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample	Duplicate	%
TPH mg/kg	TPH mg/kg	*Diff.
4640	4500	3.06

<sup>\*</sup>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:

Blow Pit - CA358

Review

Analyst