District III 1000 Rio Brazon Rd TAZOC, 1M 9370

- Marian

State of New Mexico Energy Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE

(Revised 3/9/94)

## PIT REMEDIATION AND CLOSURE REPORT

result in surprise for highertain to a result interest transcription								
1 / /		m-1	COC 5453					
Operator: Cono	co, inc	Telephone: 915	-686-3433					
Address: 10 De	estra Drive, Suite 100W	, Midland, TX 79705-4	500					
Facility On: 2	8-7 # 173 Pit # 2							
	6-7 # 1/3 PIC # 2		And the second s					
Well Name			RECEIVED					
		· · · · · · · · · · · · · · · · · · ·	I have but him to be have but					
Location: Unit	or Qtr/Qtr <u>I</u> Sec <u>17 T2</u>	7N R7W County San Juan	Transmission of the control of the c					
Pit Type: Sepan	rator <u>X</u> Dehydrator Othe	r	OCT - 1 1997					
	<u>-</u>							
Land Type: BIM	X . State, Fee, Oth	Jer :						
zana iype.	, 50000, 100, 001		OIL CON. DIV.					
			Dist.3					
	Pit dimensions: length 12	<u>.</u> . width <u>9.</u> . depth <u> </u>	<u>5 ′</u>					
(Attach diagram)								
	Reference: wellhead $X$ , o	ther						
	Footage from reference: 1	8′.						
	<u> </u>							
	Direction from reference: 3	4 DegreesEast Nor	th <u>X</u>					
			of					
		X Wes	t South					
	***							
Depth To Ground	d Water:	Less than 50 feet	(20 points)					
(Vertical distance		50 feet to 99 feet	(10 points)					
contaminants to se	asonal	Greater than 100 feet	(0 points)					
high water elevati	on of	10						
ground water)								
,								
Wellhead Protec	rtion Amon.	Ye	s (20 points)					
(Less than 200 fee		No	•					
domestic water sou	-	0 .	(o points)					
	other water sources)							
1000 leet from all	Other water sources;							
D: = = =	-6 W-4	Logg than 200 foot	(20 points)					
Distance To Sur		Less than 200 feet	(20 points)					
(Horizontal distan	-	200 feet to 1000 feet	(10 points)					
_	rs, streams, creeks,	Greater than 1000 feet	(0 points)					
irrigation canals	and ditches)	0						
		RANKING SCORE (TOTAL	L POINTS): 10 .					

Date Remediation Start	ted: 7-16-1996 Date Completed:
Remediation Method: E	Excavation Approx. cubic yards
= = -	ndfarmed Insitu Bioreediation
C	Other <u>Natural attenuation</u>
Remediation Location: (ie. landfarmed onsite, name and location of	Onsite X Offsite
offsite facility)	
General Description Of	Remedial Action: Pit sampled by Conoco on 7-16-9.
Conoco's sampler encou	intered bedrock at six inches below bottom of the pit.
Sample headspace readi	ng using PID = 0.94 ppm, Lab results of sample for TPH were Non detect. Contamination is below NMOCD soil
action levels for Vola	tile Organics of 100 ppm and TPH of 1000 ppm. Pit
closed by backfilling	during P&A and site rehabilitation.
Ground Water Encounter	ed: No X Yes Depth
Final Pit:	Sample location: Samples take at center and NW corner of pit
Closure Sampling:	Sample location: Samples take at center and NW corner of pit
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Closure Sampling: (if multiple samples, attach sample results and diagram of sample	Sample location: Samples take at center and NW corner of pit  Sample depth Six inches below bottom of the pit at bedrock
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Closure Sampling: (if multiple samples, attach sample results and diagram of sample	Sample depth Six inches below bottom of the pit at bedrock  Sample date 7-16-1996 Sample time 1535 hours  Sample Results  Benzene (ppm)  Total BTEX (ppm)
Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)	Sample depth_Six inches below bottom of the pit at bedrock  Sample date7-16-1996_ Sample time1535_hours  Sample Results  Benzene (ppm)  Total BTEX (ppm)  Field headspace (ppm)
Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)  Ground Water Sample:  I HEREBY CERTIFY THAT TOF MY KNOWLEDGE AND BEI	Sample depth_Six_inches_below_bottom_of_the_pit_at_bedrock  Sample date7-16-1996_ Sample time1535_hours  Sample Results  Benzene (ppm)  Total BTEX (ppm)  Field headspace (ppm)  TPHND  Yes NoX_ (If yes, attach sample results)  THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST
Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)  Ground Water Sample:  I HEREBY CERTIFY THAT T	Sample depth_Six_inches below bottom of the pit at bedrock  Sample date7-16-1996_ Sample time1535_hours  Sample Results  Benzene (ppm)  Total BTEX (ppm)  Field headspace (ppm)  TPHND  Yes NoX_ (If yes, attach sample results)  THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST

## PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

	LOCATION: 28-7 #173 s 7 TONIT I
	O took THH  sample 10'  pit looks god 7'  pit looks god 7'  color after feeter  = 94 ppm  prt I
	2 · took THY sample b"  · pit looks good - 10 steins  · Over - efter factor 94 ppm  3 · took THY sample b"  · pit has strong odor  - soil has some discolor  · Over - after factor - 172.96 ppm
-2	
* d	enoteo sample pat.

<sup>0</sup> SOIL SAMPLE LOCATION

A BACKGROUND SAMPLE LOCATION

2506 W. Main Street Farmington, New Mexico 87401

## **TOTAL PETROLEUM HYDROCARBONS EPA METHOD 418.1**

i iuject:

Not Given

Matrix:

Condition:

Soil Intact/Cool Date Reported:

07/26/96

Date Sampled: Date Received: 07/17/96 07/17/96

Date Extracted:

07/19/96

Date Analyzed:

07/19/96

			Detection	
sample (U	LADIU	Result	Limit	
in the wife was the supplied of the		mg/kg	Oubur	100
28-7 #170 Pit 1	0396G01358	44.4	20.0	
28-7 #170 Pit 2	0396G01359	952	39.8	
28-7 #122 Pit 1	0396G01360	324	20.0	
28-7 #173 Pit 1	0396G01361	146	19.9	
28-7 #173 Pit 2	0396G01362	ND	20.0	
28-7 #173 Pit 3	0396G01363	ND	20.0	
28-7 #196 Pit 1	0396G01364	ND	20.0	
28-7 #196 Pit 2	0396G01365	ND	19.7	

ND - Analyte not detected at stated detection level.

References: Method 418.1: Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of

Water and Waste, 1978.

Method 3550: Ultrasonic Extraction of Non-Volatile and Semi-Volatile Organic Compounds

from Solids, USEPA SW-846, Rev. 1, July 1992.

IT CLOSURE DOCUMENTATION - SAMPLING RESULTS NUTES

28-7 # 173 TYPE OF PIT. 0,+ 2	SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE EVENT # EVENT # EVENT #		vit 2	Composite Zort	9,"	78°		2 mm	th.	may 4p.		7.18.1	ND	Blownk			
	SAMPLE EVENT #	7/10/96	pit 2	Composite Zort	,,	78°		2 ppm	th.	may hb.	, , , , , ,	4/8.1	N 0	BKBROCK	•		· •
L'OCATION OF PIT	ESCRIPTION OF SAMPLE	DATE OF SAMPLE	LOCATION OF SAMPLE	(3RAB/COMPOSITE)	DEPTH OF SAMPLES	TEMPERATURE OF SAMPLE	ELU METHOD RESULTS (PPMS)	TPH VAPURB (EQUIV UNITS)	BENZENE RESPONSE FACTOR	ADJUST ED FOR BENZENE EQUIV UNITS	D RESULTS IN PPM:	(SIDE COMPO TO A POSITION	NOITE				

NOTES:	Pit 2	•			· · · · · · · · · · · · · · · · · · ·	2	8-7 #1	73		
1/10/92			samded	6"	w) hand		-2pnt com			
			Ca hit	bedie	ock) clay	e 6'				· (
	OVM:	200m (	before fac	toe)	.94 pon	lafter	factor	0.	78°	
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