

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 RioBrazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address CROSS TIMBERS OPERATING COMPANY 6001 Highway 64 Farmington, NM 87401		² OGRID Number 167067
		³ Reason for Filing Code 111/98 Change of Operator 12/1/97
⁴ API Number 30-045-24649	⁵ Pool Name BASIN DAKOTA	⁶ Pool Code 71599
⁷ Property Code	⁸ Property Name GARCIA GAS COM B	⁹ Well Number 1E

II. ¹⁰ Surface Location

UL or lot no. M	Section 21	Township 29N	Range 10W	Lot.Idn	Feet from the 790	North/South Line S	Feet from the 590	East/West line W	County SJ
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West line	County
¹² Lse Code P	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description

RECEIVED
DEC 1 9 1997

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
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OIL CON. DIV.
DIST. 3

V. Well Completion Data

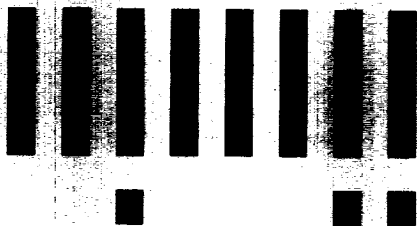
²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforation	³⁰ DHC,DC,MC
³¹ Hole Size	³² Casing and Tubing Size	³³ Depth Set	³⁴ Sacks Cement		

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Vaughn O. Vannerberg</i>	OIL CONSERVATION DIVISIO
Printed Name: Vaughn O. Vannerberg, II	Approved by: Frank T. Chavez
Title: Sr. Vice President-Land	Title: Supervisor District #3
Date: December 1, 1997	Approval Date:
Phone: (505) 632-5200	

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator <i>Gail Jefferson</i>	Amoco Production Company	OGRID# 000778
Previous Operator Signature	Printed Name	Title
	Gail Jefferson	Senior Administrative Staff Assistant
		12/01/97



LTR



Job separation sheet

District I
P.O. Box 1990, Hobbs, NM
District II
P.O. Box 1990, Hobbs, NM
District III
P.O. Box 1990, Hobbs, NM

1000 Rio Brazos Rd, Alameda, NM 87410

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

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FEB 17 1999

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) - 326-9200

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: GARCIA GC B #1E
Well Name

Location: Unit or Qtr/Qtr Sec M Sec 21 T29N R10W County SAN JUAN

Pit Type: Separator Dehydrator Other Blow

Land Type: BLM, State, Fee X, Other

Pit Location: Pit dimensions: length 40', width 80', depth 4'
(attach diagram)

Reference: wellhead X, other

Footage from reference: 165'

Direction from reference: 70 Degrees X East North
of
West South X

Depth To Ground Water:

(Vertical distance from
contaminants to seasonal
high water elevation of
ground water)

Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (0 Points) 20

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 Surface Water:

(Horizontal distance to perennial
lakes, ponds, rivers, streams, creeks,
irrigation canals and ditches)

Less than 200 feet (20 points)
200 feet to 1000 feet (10 points)
Greater than 1000 feet (0 points) 20

RANKING SCORE (TOTAL POINTS): 40

Date Remediation Started: _____ Date Completed: 9/9/93Remediation Method: Excavation ☒ Approx. cubic yards _____
(Check all appropriate sections) Landfarmed ☒ Insitu Bioremediation _____

Other _____

Remediation Location: Onsite ☒ Offsite _____
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: _____

Excavation, GROUNDWATER ENCOUNTERED.Ground Water Encountered: No _____ Yes ☒ Depth 4'

Final Pit:

Closure Sampling:

(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location see Attached DocumentsSample depth 4'Sample date 9/7/93 Sample time 1330

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) _____

TPH _____

Ground Water 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

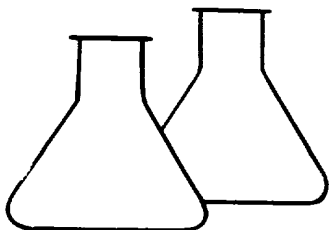
DATE

9/9/93

SIGNATURE

B. ShawPRINTED NAME
AND TITLEBuddy D. Shaw
Environmental Coordinator

ON SITE



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Amoco	Project #:	92140
Sample ID:	Pit Water	Date Reported:	09-09-93
Laboratory Number:	6039	Date Sampled:	09-07-93
Sample Matrix:	Water	Date Received:	09-07-93
Preservative:	HgCl and Cool	Date Analyzed:	09-09-93
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	0.9	0.4
Ethylbenzene	ND	0.2
p,m-Xylene	2.5	0.3
o-Xylene	0.6	0.3

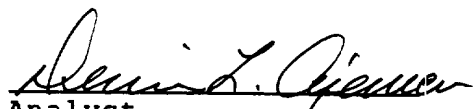
SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	91 %
	Bromofluorobenzene	102 %

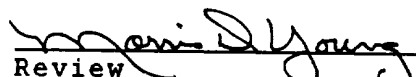
Method: Method 5030A, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: Garcia GC "B" 1E Blow Pit C4222


Analyst


Review

CLIENT: <u>AMOCO</u>	ELAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>04222</u> C.O.C. NO: <u>5641</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>GARCIA GC</u> B WELL #: <u>1E</u> PITS: <u>BLWD</u>	DATE STARTED: <u>12-4-97</u>
QUAD/UNIT(M) SEC: <u>21</u> TWP: <u>29N</u> RNG: <u>10W</u> PM: <u>NM</u> CNTY: <u>SS</u> ST: <u>N</u>	DATE FINISHED: _____
QTP/FOOTAGE: <u>SW/4 SW/4</u> CONTRACTOR: <u>P+S</u>	ENVIRONMENTAL SPECIALIST: <u>NV/EP</u>

SOIL REMEDIATION:

REMEDICATION SYSTEM: LANDFARM

APPROX. CUBIC YARDAGE: 474

LAND USE: RANGE

LIFT DEPTH (ft): 6"-12"

FIELD NOTES & REMARKS:

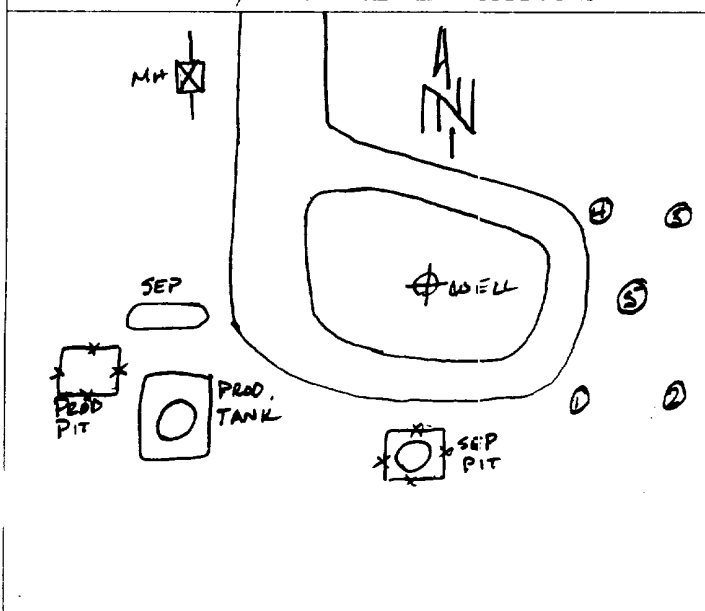
DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: <200'

NMCCD RANKING SCORE: 40 NMCCD TPH CLOSURE STD: 100 PPM
 SOIL IS DRY DARK YELLOW W/ LIGHT BROWN SILTY SAND.
 NO STAIN OR HC ODOR.
 TOOK 5 PT COMPOSITE FOR LAB ANALYSIS.

FIELD 418.1 CALCULATIONS

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

SKETCH/SAMPLE LOCATIONS



OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	8015	0820	ND

SCALE

0 10 FT

TRAVEL NOTES:

CALLOUT: N/A

ONSITE: 12-4-97 0820

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

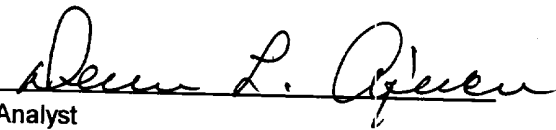
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	LF - 1	Date Reported:	12-09-97
Laboratory Number:	C645	Date Sampled:	12-04-97
Chain of Custody No:	5641	Date Received:	12-05-97
Sample Matrix:	Soil	Date Extracted:	12-08-97
Preservative:	Cool	Date Analyzed:	12-08-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

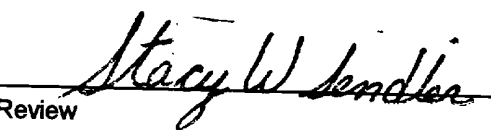
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: Garcia GC B #1E Landfarm. 5 Pt. Composite.


Analyst


Review

Client/Project Name			Project Location		CHAIN OF CUSTODY RECORD										
Sample: (Signature)			Chain of Custody Tape No.		ANALYSIS/PARAMETERS										
Sample Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers						Remarks				
LF-1	12/4/97	0820	C645	SOIL	1	TPH (B015)								RESERV. - COOL	
														5 PT. COMPOSITE	
Relinquished by: (Signature)					Date	Time	Received by: (Signature)						Date	Time	
Ed Potter					12/5/97	0700	John W. J.						12/5/97	0700	
Relinquished by: (Signature)					Date	Time	Received by: (Signature)						Date	Time	
John W. J.					12/5/97	0945	John W. J.						12/5/97	0945	
Relinquished by: (Signature)															
rap cc's 5638-5647															

ENVIROTECH INC.
 5796 U.S. Highway 64-3014
 Farmington, New Mexico 87401
 (505) 632-0615