

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Cross Timbers Operating Company

3a. Address

2700 Farmington Ave., Bldg. K, Ste 1 Farmington, NM 87401

3b. Phone No. (include area code)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1,040' FSL & 1,570' FWL Sec 26, T28N, R04W

FORM APPROVED
Budget Bureau No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

NM-14920

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Valencia Canyon #17

Unit

9. API Well No.

8003921598

10. Field and Pool, or Exploratory Area
Choza Mesa Pictured Cliffs

11. County or Parish, State

Rio Arriba NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|--|
| ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☐ Other <u>PWOP</u> |
| ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | |
| ☐ Convert to Injection | ☐ Plug Back | ☐ Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Cross Timbers Operating Co. hereby request approval to install a pumping unit on the above mentioned well. A copy of the procedure is included for your review. Cross Timbers would like to begin this workover as soon as approval is received.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

M. Patton

Title

Production Engineer

Date

4/13/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Duane W. Spencer

Title

Team Lead, Petroleum Management

Date

4/13/99

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

NMOCB



Valencia Canyon Unit #17
INSTALLATION OF ROD PUMP WORKOVER PROCEDURE

WI – 100%
NRI – 87.5%

Casing: Surface: 8 5/8", 24# @ 309' KB.
Long string: 4 1/2", 10.5#, K-55 @ 4,350' KB. PBTD 4,313' KB (drillers).
Perforations: Pictured Cliffs fr/4,030'-80', 4,144'-4,148' & 4,164'-4,230'.
Tubing: 136 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. Landed @ 4,208' KB.
Current Status: Flowing 20 MCFPD @ 47 psig.
Objective: TOH w/tbg, CO to PBTD and reconfigure well for rod pump.

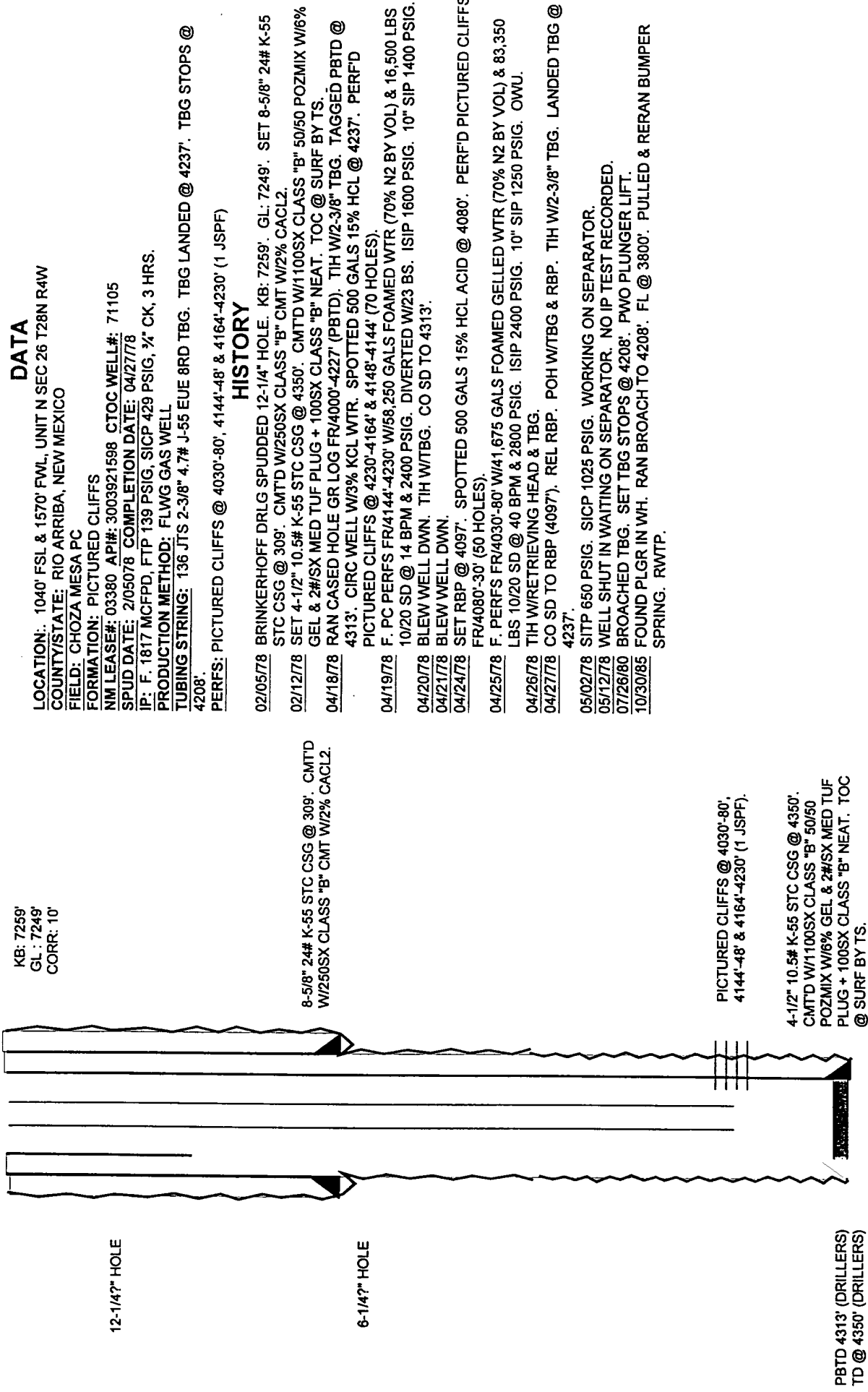
1. Test anchors on location.
2. MI & set used Alten C57-95-42 ppg unit w/used Arrow C-66 gas engine (fr/CTOC stock). Notify Larry Babcock prior to moving ppg unit.
3. MIRU PU. Check and record tubing, casing and bradenhead pressures. Gauge & record prod tnk & pit tnk volumes (if possible).
4. MI 10 jts 2-3/8" 4.7#, J-55, EUE, 8rd tbg.
5. Blow down well and kill w/2% KCl wtr if necessary.
6. ND WH. NU and pressure test BOP's.
7. TOH w/2 jts 2-3/8" tbg. Visually inspect outside of tbg. If tbg is acceptable, TIH & tag PBTD (4,313' KB). Report fill to Jeff Patton @ CTOC office.
8. TOH. Tally & visually inspect tbg while TOH. LD bad tbg. PU & replace tbg as required.
9. If fill is found and CO is required then TIH w/pmp bailer & CO to PBTD (4,313').
10. TOH.
11. PU & TIH w/2-3/8"x25' OPMA, 2-3/8" x 6' perf sub, API SN, 8 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg, Baker TAC, ±129 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. Land tbg @ ±4,290' KB. SN @ ±4,259' KB. TAC @ ±4,000' KB.
Rabbit tbg while TIH.
12. CO tbg w/hot oil trk if paraffin buildup is found. Use ±50 bbls 2% KCl wtr (w/10 gals paraffin solvent) heated to 200 deg F. Circ until tbg is clean.



13. ND BOP. Set TAC w/10 pts tension. Land donut. NU WH.
14. PU & TIH w/2" x 1-1/4" x 12' RHAC-Z pmp w/10' x 3/4" GA, lift sub, RHBO bx, $\pm 170\text{-}\frac{3}{4}$ " grade "D" (used, if available) rods w/T-cplgs & 1-1/4"x16 PR w/8' liner. Space out pmp w/3/4" pony rods as needed. Check w/Larry Babcock @ CTOC yard for used and surplus items that are in stock.
15. HWO. Load tbg w/2% KCl wtr and PT pmp to 500 psig. Start ppg unit and tst to 500 psig.
16. RDMO PU.
17. SWU @ 5.4 SPM x 42" SL.

Approvals: *[Signature]* 3/11/99

VALENCIA CANYON UNIT #17
WELLBORE DIAGRAM





LTR



Job separation sheet

District I
P.O. Box 1980, Hobbs, NM
District II
Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, 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
STATE OFFICE

RECEIVED
OCT - 4 1999

OIL CON. DIV.
Dist. 3

PIT REMEDIATION AND CLOSURE REPORT

Denied 12/9/96

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: VCU #17
Well Name
Location: Unit or Qtr/Qtr Sec N Sec 26 T 28N R 4W County RIO ARRIBA
Pit Type: Separator Dehydrator Other Blow
Land Type: BLM ✓, State , Fee , Other UNIT AGMT.

Pit Location: Pit dimensions: length 18', width 27', depth 8'
(Attach diagram) Reference: wellhead X, other
Footage from reference: 180'
Direction from reference: 30 Degrees ✓ East North ✓
of
 West South

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) 0
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) 0
No (0 points)

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) 0
Greater than 1000 feet (0 points)

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____

Date Completed: 9/29/94Remediation Method: Excavation ☒
(Check all appropriate sections)Landfarmed ☒Approx. cubic yards 144

Insitu Bioremediation _____

Other _____

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

General Description Of Remedial Action: _____

Excavation

Ground Water Encountered: _____

No ☒

Yes _____

Depth _____

Final Pit:

Closure Sampling:

(if multiple samples,
attach sample results
and diagram of sample
locations and depths)Sample location see Attached DocumentsSample depth 7' (NORTH SIDEWALL)Sample date 9/22/94Sample time 1450

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 1.5TPH NDGround 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 BELIEFDATE 9/29/94

SIGNATURE

B. ShawPRINTED NAME
AND TITLEBuddy D. Shaw
ENVIRONMENTAL COORDINATOR

CLIENT: AMOCO

ENVIROTECH Inc.

PIT NO: A01125796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0615C.O.C. NO: 3935

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140PAGE No: 1 of 1LOCATION: NAME: Valencia Canyon Unit WELL #: 17 PIT: BlowDATE STARTED: 9/21/94QUAD/UNIT: N SEC: 26 TWP: 28N RNG: 4W BM: AMP CNTY: RA ST: NMDATE FINISHED: 9/22/94

QTR/FOOTAGE:

CONTRACTOR: Carol VaughnENVIRONMENTAL SPECIALIST: RmySOIL REMEDIATION: EXCAVATION APPROX. 18 FT. x 27 FT. x 8 FT. DEEP.DISPOSAL FACILITY: On-Site Landfill CUBIC YARDAGE: 144LAND USE: Carson Forest LEASE: Federal Lease 114-014920FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 180 FEET N30°E FROM WELLHEAD.DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPMSOIL AND EXCAVATION DESCRIPTION: Unable to Sample bottom and EAST side due to
approximately 12" of fine water in pit bottom.

Visible discoloration 100' apparent on East wall.

Recommend closure of the pit if Lab samples pass.

10/3/94 Recommended Closure to Carol Vaughn

FIELD 418.1 CALCULATIONS

SAMPLE I.D.	LAB No:	WEIGHT (g)	ML. FREQ	DILUTION	READING	CALC. ppm

SCALE



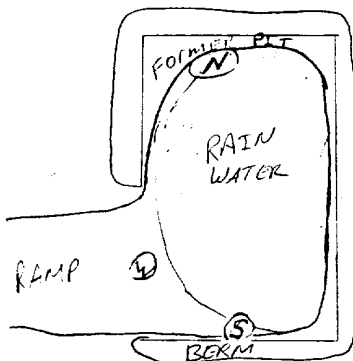
0 5 10 FEET

Surface Flow
and Suspended Flow

PIT PERIMETER

OVM
RESULTS

PIT PROFILE

SAMPLE ID FIELD HEADSPACE
PID (ppm)

1 N07' 1.5

2 W07' ND

3 S07' 0.3

4

5

6

LAB SAMPLES

Pit Water BTEX

N07' 9/18/1

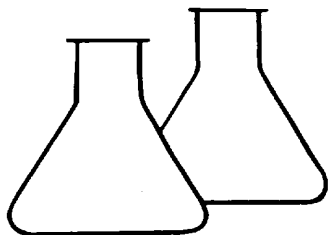
0'-8" dark brown clayey silt.

MOIST to wet, FIRM,
COHESIVE, no hydrocarbon
ODOR or DISCOLORATION.

TRAVEL NOTES:

CALLOUT:

ONSITE:



ENVIROTECH LABS

5796 US Highway 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Amoco	Project #:	92140
Sample ID:	N @ 7'	Date Sampled:	09-26-94
Laboratory Number:	7916	Date Received:	09-26-94
Chain of Custody #	3935	Date Analyzed:	09-29-94
Sample Matrix:	Soil	Date Reported:	09-29-94
Preservative:	Cool	Analysis Needed:	TPH
Condition:	Cool and Intact		

Parameter -----	Concentration (mg/kg) -----	Det. Limit (mg/kg) -----
Total Petroleum Hydrocarbons	ND	10.0

ND = Parameter not detected at the stated detection limit.

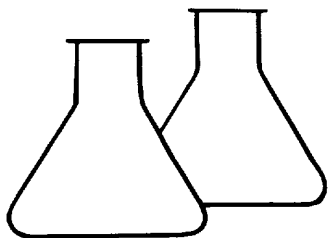
N/A = Not applicable

Method: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: Valencia Canyon Unit # 17 Blow Pit A0112
analysis performed with GAC TPH unit

Rex L. Griffin
Analyst

Manis D. Yang
Review



ENVIROTECH LABS

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

RAIN WATER

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Amoco	Project #:	92140
Sample ID:	Pit Water # 17	Date Reported:	09-27-94
Laboratory Number:	7913BTEX.	Date Sampled:	09-23-94
Sample Matrix:	Water	Date Received:	09-23-94
Preservative:	HgCl and Cool	Date Analyzed:	09-23-94
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	ND	0.2
Toluene	ND	0.7
Ethylbenzene	ND	0.2
p,m-Xylene	ND	3.0
o-Xylene	ND	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	89 %
	Bromofluorobenzene	99 %

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: Valencia Canyon Unit # 17 Blow Pit A0112

Rex D. Haffin
Analyst

Maria D. Young
Review

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>A012</u> C.D.C. NO: _____
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>VCU</u>	WELL #: <u>17</u>	PITS: <u>BLOW</u>	DATE STARTED: <u>9/24/97</u>
QUAD/UNIT: <u>N</u> SEC: <u>26</u> TWP: <u>28N</u> RNG: <u>4W</u> PM: <u>Nm</u> CNTY: <u>RA</u> ST: <u>NM</u>			DATE FINISHED: _____
QTR/FOOTAGE: <u>SE1/4 SW1/4</u>	CONTRACTOR: <u>H. VAUGHN</u>		ENVIRONMENTAL SPECIALIST: <u>NV</u>

SOIL REMEDIATION:

 REMEDIATION SYSTEM: LANDFARMED

 APPROX. CUBIC YARDAGE: 144

 LAND USE: RANGE

 LIFT DEPTH (ft): 6"-12"

FIELD NOTES & REMARKS:

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

 NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

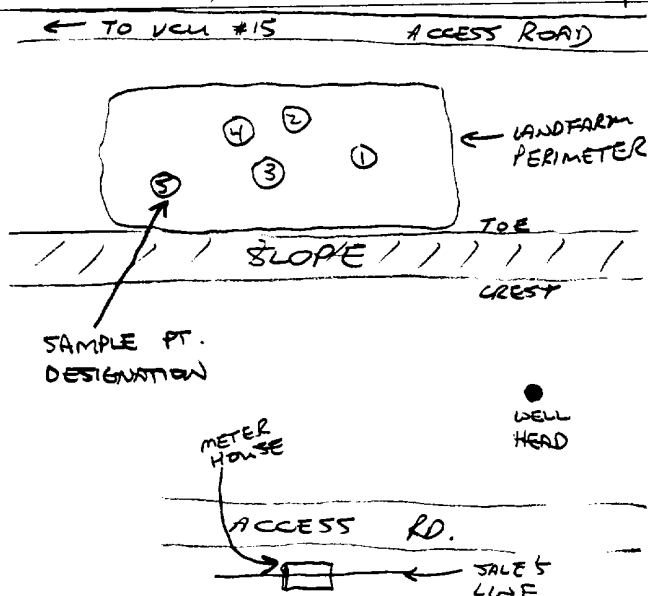
DK. YELL. BROWN TO MED. GRAY CLAY, PLASTIC, SLIGHTLY MOIST, FIRM TO STIFF,

5 FT. COMPOSITE COLLECTED 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 ↑ N



OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (8015)	1200	49.4

SCALE

0 FT

TRAVEL NOTES:	CALLOUT: <u>NA</u>	ONSITE: <u>9/24/97</u>
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

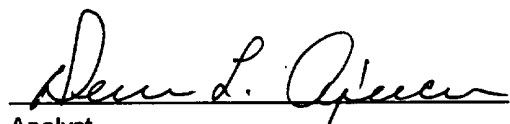
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	LF - 1	Date Reported:	09-26-97
Laboratory Number:	C153	Date Sampled:	09-24-97
Chain of Custody No:	5412	Date Received:	09-25-97
Sample Matrix:	Soil	Date Extracted:	09-25-97
Preservative:	Cool	Date Analyzed:	09-25-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

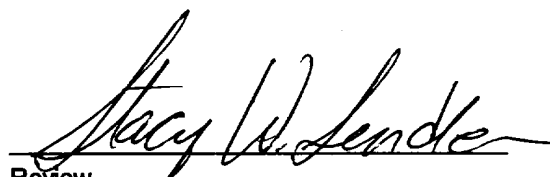
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.2	0.2
Diesel Range (C10 - C28)	47.2	0.1
Total Petroleum Hydrocarbons	49.4	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: VCU #17 Landfarm. 5 Pt. Composite.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name BAGG / Amoco			Project Location LANDFARM			ANALYSIS/PARAMETERS					
Sampler: (Signature) Alfon VLF			Chain of Custody Tape No. 04034-10								
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Remarks					
LF-1	9/24/97	1200	C153	SOIL	1						
						5 ft. Composite PREPARED - COOL Sample received cool & intact					
Relinquished by: (Signature) Alfon VLF			Date 9/25/97	Time 0711	Received by: (Signature) Blanca L. Quinonez	Date 9-25-97					Time 0711
Relinquished by: (Signature)					Received by: (Signature)						
Relinquished by: (Signature)					Received by: (Signature)						

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615